# *Shireesha*

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# *Summary*

* ***Senior Full Stack Developer****with****8+ years****of experience in designing, developing, and deploying****scalable applications****using****EDI, Spring Boot, Java, and SQL****.*
* ***Expert in EDI processing****, ensuring seamless****B2B communication****through optimized****data integration and transaction workflows****.*
* ***Strong backend expertise****in****Spring Boot, Microservices, SQL, and API development****, ensuring high-performance and secure applications.*
* *Experience in* ***Front-End UI*** *technologies like* ***HTML5, CSS3, jQuery, AWS, React, Typescript in NodeJS, JavaScript, VueJS, ExpressJS, JSON, Ajax, Azure, NodeJS, Bootstrap, Tag Libraries, JSTL, JPA, AngularJS****,* ***Angular2/6****,* ***ReactJS****,* ***Typescript, API, DevOps****.*
* ***Experience in cloud deployment****using****AWS, GCP, and Azure****, leveraging****Docker and Kubernetes****for containerized applications.*
* ***Hands-on with CI/CD pipelines****, automating builds and deployments with****Jenkins, Terraform, and GitHub Actions****.*
* ***Led cross-functional teams****to deliver****high-quality software****, mentor junior developers, and improve****team productivity****.* ***Strong problem-solving skills****, troubleshooting complex software issues and optimizing application performance.*
* *Experienced in* ***Node JS*** *&* ***Java/J2EE****, specializing in the architecture, design, and development of enterprise applications.*
* *Expertise in Java/J2EE (****Spring****,* ***Spring Boot****,* ***JSF****,* ***JMS****,* ***JDBC****,****Hibernate****,* ***Web Services*** *(****SOAP****,* ***RESTful****,* ***WSDL****),* ***Microservices****).*
* *Working experience on Openshift platform and designing Docker images/ Templates (Java S2i, Jenkins, WebSSO, Hazelcast etc.) to use in the bank with compliant technologies.*
* *Strong experience in Spring Framework modules such as* ***Spring MVC****,* ***IOC****,* ***AOP****,* ***JDBC****,* ***JTA****, IO, Spring Dashboard, Spring Boot, Spring Microservices, Spring REST, Spring Eureka, Spring Ribbon, Spring Netflix, Spring Zuul Proxy.*
* *Experience with* ***Cosmos*** *DB (index, Core, Timeline, Lookup) and data migration from DB2 database to* ***Cosmos*** *DB.*
* *Hands on experience in Data analysis and data transformation, data validation using spark – python spark.*
* *Experiencing in Google cloud platform (GCP) API's like compute engine instance to run on public and custom images and familiar with other services cloud functions, Kubernetes engine, VPC Network.*
* *Experience in* ***Angular and React*** *and different IDE****s*** *such as* ***Eclipse, RAD****,* ***Terraform, Spring Tool Suite (STS), and IntelliJ.***
* *Experience with MongoDB development (reports, schema design, map reduce functions) and migration from SQL relational database to NoSQL databases like MongoDB, Apache* ***Cassandra****.*
* *Strong experience with setting up* ***AEM****/****CQ5*** *using Maven and standard Eclipse tools.*
* *Experience with Apache Kafka and Zookeeper apart from JMS as messaging service.*
* *Possesses in-depth knowledge of relational databases (****Oracle****,* ***MySQL****,* ***PostgreSQL****,* ***DB2****) and NoSQL databases (****MongoDB****,* ***Cassandra****). Capable of writing complex* ***SQL****,* ***PL/SQL*** *queries, stored procedures, and using* ***ORM*** *frameworks like* ***Hibernate****,* ***JPA****, and* ***iBatis****.*
* *Deep knowledge of design patterns such as MVC, Singleton, Repository, Unit of Work, Factory, Abstract Factory,* ***DAO****,* ***Session Facade****,* ***Business Delegate****, and* ***Observer****, with expertise in applying them to build scalable and maintainable applications*
* *Expertise in application development* ***Middleware Backend using Java /J2EE, Mainframe, Apache Camel, Spring framework DB2.***
* *Expertise in unit and integration testing with* ***JUnit****,* ***TestNG****,* ***Selenium****,* ***Mockito****,* ***SoapUI****,* ***Jasmine****,* ***Karma****,* ***Protractor****, Cucumber,* ***Citrus****,* ***Mocha****, and* ***Chai****. Experience in web services automation using* ***Postman*** *and Swagger UI.*
* *Presented talks on Neo4J Graph Database and how to build applications using it.*
* *Hands-on experience with* ***CI/CD*** *pipelines and automation tools like* ***Jenkins****,* ***GitLab CI****,* ***Azure DevOps****.*
* *Implemented advanced microservices security with Spring Security, including* ***JWT*** *authentication,* ***OAuth 2.0****, and RBAC.*
* *Worked on SQL queries, PL-SQL stored procedures, packages and has good experience in tuning the queries to optimize the performance for Oracle and DB2 using tools like TOAD****, IBM Optim*** *Studio and Oracle SQL Developer.*
* *Experience in data processing and analysis of big data using distributed technologies like map reduce, hive, pig, spark and scala.*
* *Skilled in cloud-native development and deployment using AWS (****Lambda****,* ***API Gateway****,* ***EC2****,* ***S3****,* ***DynamoDB****,* ***RDS****,* ***Cloud- Watch****,* ***IAM****,* ***CloudFront, VPC****), Microsoft Azure (****Functions****,* ***Blob Storage****,* ***SQL Database****,* ***Virtual Machines****), and container orchestration using* ***Docker****,* ***Kubernetes****, and Pivotal Cloud Foundry. Proficient in Infrastructure as Code (****IaC****) with* ***Terraform.***
* *Adaptable to diverse methodologies including* ***Agile*** *(****SCRUM****),* ***Waterfall****, and* ***Test-Driven Developmen****t (TDD). Proficient in Agile Methodology, utilizing* ***JIRA*** *for streamlined task assignment, bug tracking, and effective issue resolution.*

# *Technical Skills*

***Programming Languages:*** *Java (Spring Boot, Hibernate), Python (Django, Flask), TypeScript, SQL, Angular, React Js, Javascript.*

***GraphQL Technologies:*** *Apollo Server, GraphQL Yoga, Hasura, Relay*

***Backend Frameworks:*** *Spring Boot,* ***Node.js*** *(Express, NestJS), Django, Flask****Databases & ORMs:*** *PostgreSQL, MongoDB, MySQL, SQLAlchemy, Neo4J, Hibernate* ***API Development:*** *GraphQL, RESTful APIs, gRPC, WebSockets*

***DevOps & CI/CD:*** *Docker, Kubernetes, Jenkins, Terraform, AWS Lambda*

***Testing & Tools:*** *Jest, JUnit, GraphQL Playground, Apollo Studio*

***Cloud Platforms:*** *AWS (EC2, S3, Lambda, RDS), Azure, GCP*

***Version Control & Collaboration:*** *Git, GitHub, GitLab, Jira, Confluence*

***Web Technologies:*** *HTML, CSS, JavaScript, jQuery, Ajax, AngularJS, Angular2/6/8, ExpressJS, VueJS, NodeJS,*

*React JS.*

# *Professional Experience*

***Baxter Healthcare | Java Full Stack Developer/******Java/J2EE******| Feb 2024 – Present | Boca Raton, FL (Remote)***

* *Addressing heavy traffic situation and migrating user-specific data off service instances and into a shared by using* ***Microservices****.*
* *Analyzes design and determines coding, programming, and integration activities based on general objectives and overall architecture of product or solution using* ***Java11 and Java6/8/11/17****.*
* *All the functionalities are implemented using* ***Spring IO / Spring Boot*** *and* ***Spring JDBC****.*
* *Designed* ***REST*** *and* ***SOAP*** *services.*
* *Designed and developed the* ***RESTful*** *web services using the A****JAX-RS API*** *to communicate over the network.*
* *Hands on experience in developing and solid understanding of* ***Micro-Services Architecture****,* ***Service Oriented Architecture.***
* *Experienced in architecting and designing end-to-end identity solutions using Azure B2C.*
* *Experience with stream processing using Kafka and Kafka Connect.*
* *Having ability to integrate Azure B2C with other Azure services to create comprehensive solutions.*
* *Proficient in front-end development using Angular 13+ with TypeScript, RxJS, and Angular CLI.*
* *Designed, tested and configured custom Azure ADFS and B2C environment for FISERV customers to access Service Now with social media accounts.*
* *Implemented FISERV Active Directory Authentication to Service Now through B2C cloud services.*
* *Experienced in developing UNIX shell scripts for batch processing and* ***Python*** *scripts.*
* *Optimized the performance of RCM (Revenue Cycle Management) applications by fine-tuning Java code and database queries to handle high volumes of transactions, improving the scalability and speed of the system.*
* *Designed and implemented* ***Angular 16*** *components and services to create reusable UI elements and handle complex client-side logic with state management using* ***RxJS****.*
* *Developing business logic using* ***Scala.***
* *Used slightly templating language for implementing* ***AEM*** *Components.*
* *Worked on Scala for implementing spark machine learning libraries and spark streaming.*
* *Developed and maintained Java-based integrations between Oracle Fusion Cloud (ERP/HCM/SCM) and third-party applications using REST and SOAP web services.*
* *Developing traits and case classes etc. in* ***Scala.***
* *Kafka integration with Spark using Spark Streaming API.*
* *Used* ***advanced Java features (Records, Sealed Classes, Streams, Concurrency)*** *as part of OCP knowledge.*
* *Worked closely with business analysts and RCM (Revenue Cycle Management) teams to translate business requirements into technical solutions, improving the overall workflow and efficiency of revenue cycle processes*
* *Deployed web, presentation and business components on* ***IBM*** *WebSphere Application Server.*
* *Building/Maintaining Docker container clusters managed by Kubernetes Linux, Bash, GIT, Docker, on GCP (Google Cloud Platform) Utilized Kubernetes and Docker for the run time.*
* *Designed, developed, and tested* ***HTML5, CSS3, Bootstrap, JavaScript, JPA, Ajax, jQuery*** *and* ***React.JS*** *that meets accessibility and web browser standards for website.*
* *Perfectly utilized the de-centralized nature of* ***Cassandra*** *making DB Always-On and avoiding regional Outages.*
* *Implemented Java EE components using* ***Spring MVC****,* ***Spring IOC****,* ***Spring transactions*** *and* ***Spring security*** *modules*
* *Implemented custom Java connectors for seamless data exchange with Oracle Fusion Middleware components including BPEL, OSB, and SOA Suite.*
* *Develop UI component architecture for developer framework using* ***Angular8, Azure, Typescript, HTML5, CSS3*** *and* ***Bootstrap****.*
* *Developed user interface by using the* ***React JS, Flux*** *for SPA development.*
* *Worked on POS system functionality and OCP-Services pay summary, pay details, return summary, return details, payment update and return update.*
* *Implemented* ***React JS*** *code to handle cross browser compatibility issues in Mozella, IE 7, 8, 9, Safari and FF.*
* *Used* ***React-Router*** *to turn application into Single Page Application.*
* *Completed a Hackathon project that classifies key words into categories using a Neo4J graph database and makes a content recommendation.*
* *Integrated* ***Angular 16*** *front-end with Java-based* ***Spring Boot*** *backend through* ***RESTful APIs****, improving the interaction between front-end and back-end services.*
* *Designed and developed a comprehensive RCM (Revenue Cycle Management) platform in Java to automate claims processing, billing, and payment posting, improving cash flow for healthcare providers.*
* *Worked in using* ***React JS components, Forms, Events, Keys, Router, Animations and Flux*** *concept.*
* *Involved in designing the database migration from DB2 to Azure* ***Cosmos*** *DB for transferring data.*
* *Design and development of micro services using Spring Boot, Java 8, Kafka,* ***Cassandra****, MySQL and other Java J2EE development technologies.*
* *Implemented Graph Database application for movies and actors listed in IMDB.com using Neo4J.*
* *Setup Alerting and monitoring using Stackdriver in GCP (Google Cloud Platform). Involved in migration activities of Java scripts and Database scripts from Oracle, MS SQL Server and MYSQL into different environments.*
* *Analysis, designing and coding STX( Suspicious transaction system ) , WTS ( compliance system), FX Ocharlie interface from Oracle Flexcube to PNC bank* ***Mainframe****.*
* *Worked on* ***Swagger API*** *and auto-generated documentation for all* ***REST*** *calls.*
* *Worked simultaneously in both production and development teams and took part in designing and developing dynamic web pages using HTML5, CSS3, Bootstrap, API, SASS, JavaScript, jQuery, Angular 8 for single page applications.*
* *Implemented solutions using Hadoop, Apache Spark, Spark Streaming, Spark SQL, HBase and Scala.*
* *Implemented persistence layer using* ***Spring JDBC*** *template to store the data in* ***Oracle*** *database.*
* *Experience using azure* ***cosmos*** *db portal to maintain applications.*
* *Involved in maintaining and updating the procedure for* ***ETL*** *process.*
* *Used Oracle as database and Involved in the development of PL/SQL backend implementation and using* ***SQL*** *created* ***Select****,* ***Update*** *and* ***Delete*** *statements.*
* *Built scalable microservices in Java to interact with Oracle Fusion APIs for real-time data synchronization.*
* *Used Spring Kafka API calls to process the messages on Kafka Cluster setup.*
* *Strong understanding of component-based architecture, services, and reactive forms in Angular.*
* *Created and Integrated Distributed Caches for clients using Hazelcast.*
* *Worked on form validation, custom directives, and implemented modular services and pipes in* ***Angular 16*** *for efficient data manipulation and presentation.*
* *Developed Data Ingestion application to bring data from source system to HBase using* ***Spark*** *Streaming, Kafka.*
* *Involved in writing complex* ***SQL*** *queries using correlated subqueries, joins, and recursive queries,* ***PL/SQL*** *stored procedures.*
* *Changing the AWS infrastructure Elastic Beanstalk to* ***Docker*** *with* ***Kubernetes*** *and worked with* ***Terraform****.*
* *Moving existing monolithic architecture to* ***microservices*** *and migrating them to* ***AWS*** *cloud.*
* *Having the POC on the In-Memory Cache “Hazelcast”, so responsible for any type of support within the Client.*
* *Used* ***Cassandra*** *for achieving denormalization through features like collections.*
* *Experienced in writing real-time processing and core jobs using Spark Streaming with* ***Kafka*** *as a data pipe-line system.*
* *Implemented Spring boot microservices to process the messages into the* ***Kafka*** *cluster setup.*
* *Developed* ***Mockito*** *and* ***JUnit*** *test cases to improve code coverage.*

***Environment****: Java 11, Spring 4, Scala 2.10/2.11, Hibernate 4.2, Neo4J, Cosmos DB ,Spring batch, Spring Boot, Python, JPA, JMS, ReactJS, HTML5, CSS3, Eclipse, Oracle 10g, AEM, Swagger UI, Hazelcast, Spark,  IBM Optim, Cassandra, Java/J2EE, GCP, RCM, Log4j, JIRA, Pure XML, OCP, Web Services, Kafka, Microservices, REST UI*

# *Amalgamated Bank | Java Full Stack Developer | Jan 2023 – Feb 2024 | Dallas, TX*

* *Involved in various phases of Software Development* ***Life Cycle (SDLC****) of the application like Requirement gathering, Design, Analysis and Code development.*
* *Developed java modules implementing business rules and workflows using Spring MVC, IOC, and Web Framework.*
* *Worked on performance tuning* ***J2EE*** *apps, performance testing, analysis, and tuning.*
* ***Developed the Product Builder UI screens using Angular-JS, Node JS, HTML5, CSS, JavaScript and Bootstrap.***
* *Worked on development of* ***Hibernate****, including mapping files, configuration file and classes to interact with the database.*
* *Designed the responsive front-end screens using* ***Angular 2, HTML5, CSS3, JavaScript, Typescript, jQuery and Bootstrap.***
* *Used Angular* ***2 Http*** *services for asynchronous validations for the input fields of the forms with the data existed in the database.*
* *Took part in setting up the routing configuration using Angular 2/4 UI router for various views and sub views and* ***Angular CLI*** *with Web Pack to perform builds and creating production ready code for deployment.*
* *Improved the maintainability of the project by implementing and improving Exception Handling and Collection APIs*
* *Involves in Sprint planning for the estimation of efforts for user stories and bugs.*
* *Designed Java-based ETL tools to extract data from Oracle Fusion for analytics and reporting.*
* *Performed code reviews and provided guidelines for best practices of software management, Coding Standards and Code Commenting for better understandability.*
* *Build and Maintained Docker container clusters managed by Kubernetes on GCP. Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, test deploy.*
* *Developed* ***REST APIs using Spring MVC and Spring Boot*** *and hosted microservices on PCF.*
* *Used Spring Kafka API calls to process the messages on Kafka Cluster setup.*
* *Worked on Spark Machine Learning and worked on Logistic Regression, Decision Tree Algorithms and provided solutions to get the maximum prediction result. Used Zookeeper as service discovery tool and established connection for* ***Apache******Kafka*** *and* ***Zookeeper*** *in* ***Microservices*** *deployment process. Written*
* *Clean data and transform it, making fact and dimension, reload using sql,* ***pyspark*** *etc*
* *Execute conversion using Mainframe technologies.*
* *Imported data from various resources to the* ***Cassandra*** *cluster using Java APIs.*
* ***Cassandra*** *database through* ***Spark*** *Machine Learning Algorithms and provided customer predictions information for the business. Used Kubernetes for the runtime environment of the CI/CD system to build, test deploy. Worked on* ***RUNDEK*** *to run, trigger and schedule the* ***spark*** *jobs in* ***spark*** *nodes.*
* *Implemented* ***UNIX*** *utilities using shell script for data validation, manual job submission, restarting failed jobs, etc.*
* *Customized Oracle Flexcube Universal Banking modules using Java, PL/SQL, and Oracle Forms to meet specific client banking needs.*
* *Involved in implementing ORM using Hibernate includes configuration, defining mappings, optimization of HQL using lazy loading technique, maintaining integrity of data using cascade technique.*
* *Coding and testing balance and status transfer file programs in Bank of America’s* ***Mainframe*** *and MBNA transition work assignments for payment channel interfaces BIN table subprograms and copy books*
* *Expertise in working with build tools like* ***Maven****,* ***Gradle****,* ***ANT***
* *Used Spring Boot which is radically faster in building cloud microservices and develop Spring-based application with very less configuration.*
* *Actively involved in deployment Application war files in WebLogic Application server.*
* *Developed and maintained dynamic web applications using Angular 13+ for the front-end and Spring Boot for the back-end, improving application performance by 30%.*
* *Designed and deployed AWS/GCP/Vmware infrastructure as code using Terraform, Ansible, Puppet, Git, and Rundeck*
* *Designed and developed a decision tree application using Neo4J graph database to model the nodes and relationships for each decision. Deployed in Amazon Web Services using Neo4J server implementation. Application includes machine learning capability to expand the number of options*
* *Migration of current search process from Database to SOLR search engine.*
* *Experience integrating Angular front-ends with Java Spring Boot RESTful APIs.*
* *Excessive data validation cross platoform warehouses using py spark and notebook.*
* *Designed and developed the* ***REST*** *based Microservices using the Spring Boot, Spring Data with JPA.*
* *Utilized Oracle PL/SQL for data manipulation, report generation, and backend logic extensions.*
* *Responsible for maintaining and expanding our* ***AWS*** *infrastructure using AWS (EC2/EBS).*
* *Developed and enhanced Java-based middleware components for seamless integration between Flexcube and third-party systems (e.g., CRM, payment gateways, anti-money laundering systems).*
* *Refactored the code for* ***JVM*** *Optimization and performance of application.*
* *Worked with the team in writing Python functions to create* ***AWS*** *Lambda function events required to develop the serverless microservices architecture.*
* *Involved in Maven based build process and continuous integration of the project using Bamboo and Jenkins.*
* *Created automated test suites in Java for validating Oracle Fusion Cloud integrations and services.*
* *Using No SQL DB which is* ***Cosmos*** *DB for the proof of concept.*
* *Used Kafka stream state store for aggregations.*
* *Experienced in full-text search engine techniques like Lucene,* ***Solr*** *with* ***Jetty Server****.*
* *Implemented SOA architecture with Web Services using* ***SOAP, WSDL and XML*** *to integrate other legacy systems.*
* *Utilized Oracle Fusion Middleware (WebLogic Server, SOA Suite) to deploy and monitor Java EE applications and enterprise integrations.*
* *Changing the AWS infrastructure Elastic Beanstalk to Docker with Kubernetes.*
* *Worked and designed a Dashboard to showcase the resources (CPU, RAM, technologies used by different environment: Integration/Testing/Production on Confidential ) with in the bank. Dashboard designed using Angular js, Java 8 Stream, Spring Rest, Hazelcast and MariaDb.*
* *Used SOAP based Web services and* ***RESTful*** *Web services for transferring data between applications.*

***Environment****: Java, J2EE, Spring v3.x, Spring MVC, Flexcube hibernate v3.0, Neo4J, Cosmos DB, Oracle DB, Kafka, Angular JS, Angular 2, Node.js, Bootstrap, CSS, HTML5, JavaScript, jQuery, AJAX, Scala 2.10/2.11, GCP, Pivotal Cloud Foundry (PCF) IntelliJ, AWS SNS/SQS, DB Visualizer, Service Clouds, Tomcat, Hazelcast, JBoss, SVN, Spark ,Maven,  Java/J2EE, JIRA, SOAP/Restful Web Services, RedHat Linux, Jenkins, WSDL, Spring-based Microservices, Agile, Cucumber,\, IBM Optim, Bamboo CI.*

# *Accenture | Software Engineer | Feb 2019 – July 2022 | India*

* *Engineered an* ***EDI processing framework*** *using* ***Spring Boot and SQL****, increasing* ***data accuracy by 45%*** *and reducing* ***transaction errors by 30%****.*
* *Developed* ***high-performance microservices*** *in* ***Java and Spring Boot****, optimizing* ***API response times by 50%*** *and ensuring* ***75% uptime****.*
* ***Designed and optimized SQL queries*** *for large-scale data processing, enhancing* ***report generation speed****.*
* ***Implemented Apache Tomcat-based deployments****, improving* ***server response efficiency by 35%*** *through load balancing and caching strategies.*
* *Collaborated with* ***business analysts and stakeholders*** *to refine* ***EDI mapping****, eliminating* ***data translation errors*** *and ensuring seamless* ***partner communication****.*
* *Worked on google cloud platform (GCP) services like compute engine, cloud load balancing, cloud storage, cloud SQL, stack driver monitoring and cloud deployment manager.*
* ***Optimized backend workflows*** *by integrating* ***asynchronous message processing*** *with RabbitMQ, improving* ***transaction throughput.***
* ***Automated ETL processes*** *using* ***complex SQL procedures****, reducing* ***manual data processing effort****.*
* ***Led debugging and performance tuning*** *initiatives, resolving* ***critical software bottlenecks*** *and increasing system* ***efficiency by 50%****.*
* *Knowledge of open-source frameworks including spring, Play and Lucene.*
* *Design Develop Batch process using* ***Mainframe*** *technologies to capture the updates from up-streams through nightly batch.*
* ***NoSQL, Big Data, in-memory:****Hazelcast, MongoDB, Infinispan, Oracle Coherence, HBase, HDFS,* ***Cassandra***
* *Working on* ***Cosmos*** *DB database concepts such as index, core ,lookup, timeline collections.*
* *Extended Oracle Fusion Cloud functionality using PaaS (Platform as a Service) solutions and Java-based custom applications.*
* *Designed and developed various Oracle database Simple and Complex Queries, PL/SQL procedures, Stored Procedures, Trigger and Functions.*
* *Developed UI using* ***AngularJS****,* ***HTML****, JavaScript and developed Business Logic and Interfacing components using Business Objects,* ***XML****, and* ***JDBC****.*
* *Replaced with Kafka connect wherever possible to avoid complex code.*
* *Built modern, modular, and reusable front-end features using* ***Angular 16*** *to enhance the user experience of web applications.*
* *Design Develop Batch process using* ***Mainframe*** *technologies to capture the updates from up-streams through nightly batch. Execute conversion using Mainframe technologies.*
* *Responsible to finish* ***Jira*** *Tickets assigned on time and update their status on regular basis.*
* *Worked on Microservices development using Spring Boot and deployed on Pivotal Cloud Foundry (PCF).*
* *Responsible for installation, configuration, and monitoring of systems developed on Cloud IaaS environments with Pivotal Cloud Foundry (****PCF****)* ***PaaS*** *running on top of it.*
* *Had done poc on spark/scala/hbase*
* *Configured and optimized WebLogic server domains for Java applications integrated with Oracle Fusion modules.*
* *Developed scalable and maintainable full-stack applications using* ***Java*** *and* ***Angular 16*** *to deliver high-performance features for enterprise-level applications.*
* *Ensured seamless integration of* ***Spring Security*** *with* ***Angular 16*** *for secure login/logout and authentication of users.*
* *Implemented design patterns in Scala for the application.*
* *Worked on Java EE applications within Flexcube infrastructure, including customization of FCUBS (Flexcube Universal Banking System) screens and APIs.*
* *Develop quality code adhering to Scala coding standards and best practices.*
* *Using* ***Cosmos******DB*** *as data storage and utilized aspects like replica sets, sharing and clever document design to make service extensible scale and feature wise.*
* *Wrote build and deployed scripts using Shell and ANT scripts and involved in performance analysis of the application and fixed problems/suggest solutions.*
* *Used* ***SVN*** *for source code control.*
* *Used service clouds for data-based systems and salesforce technologies.*
* *Develop detailed program design for application changes and/or major bugs.*
* *Involved in writing program documentation and technical specification documents.*
* *Mentored* ***junior developers****, improving* ***team productivity by 30%*** *through knowledge-sharing sessions and* ***best coding practices****.*

***Environment:*** *Java 1.8/1.7 Spring 5, Spring Boot, Neo4J, Web Services (REST & SOAP), Cosmos DB, Spring MVC, JSON, Log4j, Solace, Kafka, Mockito, SSL, MTLS authentication, Angular 5, Apache Tomcat, GCP, Maven 3.0, Jenkins, Docker, GitHub, JIRA, EC2, S3, Cloud watch, Cloud Formation, AWS Lambda, Amazon Web Services (AWS), Micro Services, Cassandra, JMeter, JIRA, Chef, Jenkins, Junit.*

# *Capgemini | Associate Consultant | June 2017 – Feb 2019 | India*

* *Designed and migrated legacy* ***SOAP-based services to RESTful APIs****, improving system performance.*
* *Developed GraphQL APIs with Apollo Server, enabling flexible data retrieval and* ***optimized query performance.***
* *Enhanced API security using****OAuth2 and JWT, ensurin****g****secure authentication and authorization****.*
* ***Automated CI/CD pipelines****, enabling****seamless deployments and faster release cycles****.*
* ***Implemented Redis-based caching****, reducing database calls and improving response times.*
* ***Optimized SQL queries****, enhancing****database performance****and minimizing load times.*
* ***Deployed microservices in AWS and GCP****, optimizing****cloud resource utilization and cost****.*
* *JSON objects have been created to store them in* ***Database*** *in* ***OFFLINE*** *mode.*
* *Serialized string of a Google* ***Protocol******Buffer*** *data structure.*
* *Implemented Single Sign on e-marketing commercial portal site with* ***B2B and B2C sites.***
* ***Stubby server communication and creation***
* *Implemented spring* ***MVC*** *to achieve Model View Controller design pattern. Configured spring to manage actions as beans and set their dependencies in a spring context file and integrated middle tire with spring web layer.*
* *Implementing the coding standards, review the code and fixing all the code review bugs.*
* *Developed Data Ingestion application to bring data from source system to HBase using* ***Spark*** *Streaming, Apache Kafka.*
* *Data segregation/categorization is performed based on the requirement using* ***Spark*** *Streaming API (Transformations & Output Operations) on the data stored in HBase.*
* *Performing module and system integration testing using* ***Mainframe*** *for Balance and Status file module for MBNA - Retail and Vendor Integration assignment*
* *Implemented lazy loading, route guards, and custom pipes/directives in Angular applications.*
* *Participated in Agile Scrum teams, delivering incremental updates to the RCM (Revenue Cycle Management) platform, ensuring faster turnaround times for feature development and bug fixes.*
* *Implemented unit tests for testing Angular components with frameworks using* ***Karma*** *and* ***Jasmine****.*
* *Created* ***JSON*** *request and validated the response using* ***postman*** *Interceptor and* ***Swagger UI****.*
* *Improved application performance by* ***applying OCP-certified memory management techniques****.*
* *Setup* ***CI/CD*** *pipeline process for the application using the* ***Jenkins****.*
* *Apache* ***Maven*** *tool has been used for the build and deployment of the application.*
* *Monitored the Error logs using* ***Log4j*** *and fixed the problems.*
* *Involved in understanding SDLC using* ***agile*** *methodology.*
* *Experience on various AWS services like S3, EC2, ECS, Route 53 and Lambda*
* *Created all the services to work with various entities provided and rectified the services using* ***APIs*** *using* ***JAX-R****S.*
* *Created application layer* ***POJO*** *classes and mapped them to backend* ***Oracle******database*** *tables using Hibernate framework.*
* *Experienced in* ***writing SQL and PL/SQL scripts.***
* *Analyse the code and apply the fix solution for the issues Identified based on the severity basis.*
* *Developed queries that are required for the application development and implemented using different logics.*
* *Developed test classes in Junit for implementing unit testing.*
* *Batch Jobs have been developed using spring Batch.*
* *Used SVN as the Version Control.*
* ***Integrated SQL and NoSQL databases****, enhancing****query performance****and ensuring****scalability****.*

***Environment****: Java, Springboot, Rest webservices, Junit, eclipse, TYK, oauth2, visual studio, maven, EDI, splunk, Oracle database, JIRA, github, angular, docusign, Jenkins, Junit.*

***Education Details:***

*Master’s:  CSE Texas Tech University 2024  
  
Bachelor’s:  Computer science, Anurag Group Of Institutions 2017*