

**Punith Puligorla**  
**Full Stack Developer**  
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### **PROFESSIONAL SUMMARY:**

- ❖ Full Stack Java Developer with over 10+ years of experience, leveraging a robust proficiency in **Java 8/11, J2EE**, and utilizing frameworks like **Spring, Spring Boot, Spring MVC, Spring IOC, Spring Security**, and **Hibernate** for robust backend solutions.
- ❖ Expertise in front-end technologies including **React, Angular 4/5/6/8/9/11/13/15, Node.js**, and proficient in **HTML5, CSS3, Bootstrap, jQuery, AJAX, SASS, and SCSS**.
- ❖ Skilled in **TypeScript** and various **JavaScript** frameworks like **AngularJS, React.js, Redux, Next.js**, plus **Node.js** and **Express.js** for both client and server-side development.
- ❖ Proficient in **Java, C++, PL/SQL**, and **Python**, demonstrating expertise in building robust and scalable backend systems.
- ❖ Proficient in **Agile** and **Waterfall** methodologies, excelling across the **SDLC** with strong collaboration, communication, and time management skills, ensuring efficient and scalable code delivery aligned with business goals.
- ❖ Proficient in developing microservices and managing servers like **Apache Tomcat, WebLogic, JBoss**, and **WebSphere**.
- ❖ Skilled in database design and management with **Oracle, MS SQL, MySQL, PostgreSQL** leveraging **NoSQL** databases like **MongoDB, DynamoDB** and **Cassandra**.
- ❖ Proficient in project management and documentation using **JIRA, Confluence, Swagger**, and **Grafana**.
- ❖ Extensive experience with cloud platforms, including **AWS** (EC2, ECR, ECS, IAM, EKS, RDS, Lambda, S3, CloudWatch, SQS, Glue, Elastic Beanstalk), **Azure** and **PCF**.
- ❖ Proficient in managing and streaming messaging systems with a focus on event-driven architecture, using tools like **Apache Kafka, ActiveMQ, RabbitMQ**, and **Spring JMS**.
- ❖ Basic understanding of **ServiceNow**, with experience supporting IT service workflows and contributing to process streamlining and automation.
- ❖ Experienced **Dell Boomi Developer** with expertise in integrating cloud and on-premises applications, enabling seamless data flow and business process automation.
- ❖ Implemented robust security protocols and features like **LDAP, OAuth 2.0, Spring Security**, and **JWT** for token-based authentication, ensuring the safeguarding of sensitive data.
- ❖ Hands-on experience with big data technologies such as **Apache Spark**, skilled in data visualization with **Kibana**, providing actionable insights for strategic decision-making.
- ❖ Managed **Kubernetes** for optimized, scalable container deployments and high availability.
- ❖ Utilized **Terraform** for infrastructure as code, streamlining resource provisioning.
- ❖ Skilled in managing serverless **APIs** with API Gateway, integrating backend services using **JAX-RS (REST)** and **JAX-WS (SOAP)** for web service development, and proficient in connecting them with front-end applications.
- ❖ Expertise in **Graph QL** for efficient data queries, **Graph DB** for complex data relationships, and **Solr** for high-performance search functionality.
- ❖ Demonstrated expertise in **Scala** programming and leveraging the **Spark** framework to develop scalable and efficient data processing and analytics solutions.
- ❖ Proficient in utilizing **BigQuery** for large-scale data analytics and employing **Kibana** for insightful dataset visualization, enhancing decision-making processes.
- ❖ Strong expertise in **J2EE** testing, proficient in developing and executing test cases with **JUnit, Mockito, Jasmine, Karma, Jest, Enzyme, Selenium** and **Cucumber**, adhering to **TDD** and **BDD** principles.

## Technical Skills:

<b>Programming Languages</b>	Java 8/11/17, Python, Core Java, C, C++, PL/SQL
<b>Web Technologies</b>	HTML5, CSS3, JavaScript(ES6), AJAX, XML, JSP, Angular 10/12/14, React JS, Bootstrap, Express JS, Node JS
<b>Cloud Technologies</b>	AWS, Microsoft Azure, Spring Cloud, DellBoomi
<b>Frameworks</b>	Spring4.x, log4j, Spring Boot
<b>Monitoring and Testing Tools</b>	Junit, Mockito, Sonar, Jasmine, Mockito, Kibana, Grafana, karma, Cucumber, Selenium
<b>IDE</b>	Eclipse, IntelliJ IDEA, NetBeans
<b>Database</b>	Oracle, MySQL, SQL Server, MongoDB, Cassandra, PostgreSQL, CockroachDB PL/SQL, DB2
<b>Build Tools</b>	Maven, TortoiseSVN, GIT, Jenkins, JIRA, postman, Docker, Bitbucket, Gradle, SBT, SonarQube, Apache Ant, Apache Maven, Confluence, Bamboo, ServiceNow
<b>Version Control</b>	Bit Bucket, GIT, SVN
<b>Methodologies</b>	Agile, SCRUM, SDLC, Waterfall, TDD (Test Driven Development)
<b>CI/CD Tools</b>	Jenkins, and Kubernetes
<b>Servers</b>	WebLogic, Apache Tomcat, WebSphere, JBoss
<b>Browsers</b>	Internet Explorer, Mozilla Firefox, Google Chrome, Safari, Opera
<b>Webservices</b>	SOAP and Restful, Microservices
<b>Operating Systems</b>	Linux, Windows, MacOS, Unix

## Work Experience:

**Client:** Best BUY, Rochester, MN

**May 2023 – Present**

**Role:** Senior Java Full Stack Developer

## Responsibilities:

- ❖ Engaged in the design, development, and support phases within the **SDLC (Software Development Life Cycle)**.
- ❖ Crafted core business logics using **Core Java, Multithreading, and Exception Handling**.
- ❖ Developed **API** calls for fetching and posting results through **Restful web services**.
- ❖ Established a new **microservice** responsible for handling **XML** input and transmitting responses downstream.
- ❖ Actively monitored server health, service failures, and error rates using **Dynatrace** and **Splunk** logs.
- ❖ Developed microservices using **Spring Boot Annotations, Spring Data, and Spring Security**.
- ❖ Built **RESTful APIs** to expose microservices functionalities to other application components, defining API endpoints, request/response formats, and managing HTTP methods.
- ❖ Collaborated with the Business team to document requirements effectively.
- ❖ Participated in Kubernetes deployments for microservices utilizing tools like **Helm**.
- ❖ Initiated front-end application development with **React.js**, utilizing React Class Component for stateful management.
- ❖ Managed various aspects of **Jenkins**, including continuous integration setup, build automation, plugin management, and securing configurations.

- ❖ Implemented serverless microservices integrating **AWS Lambda, S3, CloudWatch,** and **API Gateway**.
- ❖ Utilized **Cloud Front** features like geo-restriction, signed URLs/Cookies, and fieldlevel encryption.
- ❖ Developed comprehensive **JUnit** test cases with **Mockito** to ensure robust functionality and maintainable code.
- ❖ Migrated legacy services into independent microservices using **Spring Boot** and **Rest web services**.
- ❖ Designed and implemented a scalable microservices architecture on Google Cloud Platform (GCP) utilizing Kubernetes, resulting in improved resource utilization and cost efficiency.
- ❖ Proficient in utilizing **Maven** for build automation and dependency management in Java projects, ensuring efficient project builds and streamlined development workflows.
- ❖ Implemented message bus integrations with technologies like **Kafka** and **RabbitMQ**, enabling asynchronous communication and event-driven architecture for **microservices**.
- ❖ Practiced Agile development methodology, participating in sprint planning, daily stand-ups, and retrospectives to deliver high-quality software incrementally and iteratively.
- ❖ Deployed Java web applications on Azure App Service, leveraging its **PaaS** capabilities for automatic scaling, high availability, and seamless integration with other **Azure** services.
- ❖ Integrated Google Cloud Pub/Sub into existing applications, enabling asynchronous message processing and event-driven workflows, leading to a 40% increase in system throughput.
- ❖ Optimized **JSP** performance through techniques such as precompilation, caching, and minimizing scriptlet usage, ensuring fast page load times and efficient resource utilization.
- ❖ Developed serverless Java functions using Azure Functions, enabling event-driven architectures and reducing infrastructure management overhead.
- ❖ Developed **RESTful APIs** using **ExpressJS** for efficient communication between frontend and backend systems, ensuring smooth data flow and seamless user experience.
- ❖ Implemented interactive user interfaces using **ReactJS**, leveraging reusable components and state management for dynamic and responsive web applications.
- ❖ Deployed and managed applications on **Google Cloud Platform (GCP)**, leveraging services like Compute Engine, Kubernetes Engine, and Cloud Storage for efficient resource utilization and scalability.
- ❖ Developed and maintained scalable backend systems using **PostgreSQL** and **MySQL** databases, ensuring optimal performance and data integrity.
- ❖ Designed and implemented responsive and interactive user interfaces using **Angular 14**, leveraging modern features such as components, services, and routing to enhance user experience.
- ❖ Conducted comprehensive testing using **Postman** and developed **REST API** endpoints for **JSON/XML** responses from databases.
- ❖ Conducted comprehensive testing of **Angular 14** components and Java 8 backend services, employing testing frameworks such as Jasmine, JUnit, and **Mockito** to ensure software quality, reliability, and adherence to specifications.
- ❖ Developed scalable and high-performance server-side applications using NodeJS, leveraging its non-blocking I/O model and event-driven architecture.
- ❖ Orchestrated containerized Java applications using AKS, ensuring portability, scalability, and simplified management of Kubernetes clusters on Azure.
- ❖ Employed **DB2** and **PL/SQL** for data storage and querying.
- ❖ Contributed to the end-to-end **CI/CD** process and facilitated seamless code transitions using **Jenkins**.
- ❖ Utilized Junit for test case writing and **Mockito** for creating mock objects.
- ❖ Filtered error logs for cloud watch using **NodeJS**.
- ❖ Developed interactive and responsive user interfaces using ReactJS, a modern JavaScript library, to enhance the user experience and improve overall application performance.

- ❖ Implemented **GraphQL** for efficient data fetching and manipulation, reducing network overhead and optimizing client-server communication in web applications.
- ❖ Developed REST web services using **Spring Boot, Hibernate, and Tomcat** and participated in backend deployment to **AWS**.
- ❖ Managed **EC2** instances and set up Elastic Load Balancer for traffic distribution across AWS EC2 instances.
- ❖ Developed **CI/CD** system with Jenkins on **Kubernetes** environment, utilized Kubernetes and Docker for runtime environments.
- ❖ Configured Docker images and containers using **Docker Compose**.
- ❖ Installed **Kafka** on AWS cluster and configured producer and consumer coding parts in **Java**.
- ❖ Loaded data into **AWS S3** from various sources using Kafka.

**Environment:** Java 17, J2EE, React JS, JavaScript, Angular 14, Spring boot, Hibernate, Node.js, Junit, Docker, AWS (S3, EC2, SNS, Lambda, IAM, DynamoDB), RESTful web services (Rest), Cockroach DB, GraphQL, JSP, React.js, Azure, Kafka, Git, CI/CD Jenkins, Mockito, Kafka, Kubernetes, Mockito, Maven, Log4j, DB2, Agile, Jira.

**Client:** Capital one, McLean, VA

**March 2020 – April 2023**

**Role:** Java Back-End Developer

#### **Responsibilities:**

- ❖ Developed SOAP and REST services using Spring Boot, Spring Data, and Hibernate frameworks.
- ❖ Utilized Golang to build efficient and high-performance backend components, leveraging its concurrency support and simplicity.
- ❖ Used Docker for build and deployment, creating tags to tag images, and optimizing containerized application deployment.
- ❖ Built applications using Maven and Gradle scripts, ensuring streamlined build processes and dependency management.
- ❖ Created interactive user interfaces using Angular 5.0, Bootstrap 3, HTML, and CSS for engaging and user-friendly front-end experiences.
- ❖ Worked proficiently in a CI/CD and Agile environment, contributing to continuous integration, automated testing, and rapid development cycles.
- ❖ Deployed applications to Universal Control Plane, Managed Docker cluster, and applications through a single interface, enhancing deployment efficiency.
- ❖ Developed efficient SQL procedures and functions for backend processing, enabling seamless CRUD operations on database objects.
- ❖ Utilized Golang's strong concurrency support to enhance backend processing and improve application responsiveness.
- ❖ Employed JUnit, Mockito, and PowerMock for creating comprehensive and reliable test cases, ensuring application stability.
- ❖ Implemented behavior-driven test cases using Jasmine to thoroughly validate Angular components' functionalities.
- ❖ Leveraged Node.js to build server-side components, taking advantage of its efficiency and code consistency benefits.
- ❖ Utilized Node.js for server-side rendering of dynamic web pages, enhancing page load speed and search engine optimization.
- ❖ Conducted thorough peer code reviews and maintained a version-controlled codebase using Git, promoting code quality and collaboration.

- ❖ Utilized JIRA for efficient bug tracking, issue management, and project tracking.
- ❖ Designed and implemented POJOs, DAOs, Controllers, and Implementation classes in Golang and Java to fulfill application requirements.
- ❖ Presented application functionalities to users through compelling PowerPoint presentations, ensuring clear communication and user engagement.
- ❖ Collaborated closely with the operations team to promptly address and resolve issues throughout the application development and maintenance lifecycle.
- ❖ Implemented robust event logging using Log4J to capture and manage application logs effectively.
- ❖ Utilized Apache Spark for large-scale data processing and analytics, harnessing its powerful capabilities for data-driven insights.

**Environment:** Java 1.8, Eclipse, Maven 3.3, JUNIT, JAX-RS, Golang, Spring Boot, REST and SOAP Webservices, Jenkins, JAX-WS, Log4j, STS, RAD, Spring MVC, Node.js, JavaScript, jQuery, Apache Spark, AngularJs, Bootstrap, GIT, SQL server, DB2, Splunk, SoapUI.

**Client:** Goldman Sachs-New York  
**Role:** Java Full Stack Developer

**Oct 2019 – Feb 2020**

#### **Responsibilities:**

- ❖ Used rxjs 6 of Angular 11 with the new methods and the new importing style according to the package structure change in Angular 9.
- ❖ Integrated third party grids into the Angular app like ag-grid, hands on table etc.
- ❖ Migrated the code from Angular 11 to Angular 9 by making the utilization of the new commands provided by angular CLI 6 like ng update, ng add and also implemented the multiple project support with angular.js on provided in Angular 9.
- ❖ Designed database schemas and created various triggers, cursors, Oracle sequences, Oracle PL/SQL packages in the Oracle database.
- ❖ Developed a custom logging microservice using the technologies Angular 11, Node js and Oracle DB which can be Integrated into the existing application modules to log all the actions performed on the files like Approve, Cancel, Export etc.
- ❖ Implemented Angular Authentication using the HTTP interceptors and HTTP Client.
- ❖ Designed and developed the ETL (Extraction Transformation and Loading) solution using the request module and the OAuth 2.0 protocol in node JS.
- ❖ Developed several reusable custom elements using the Angular elements available in Angular 9.
- ❖ Expertise in implementing Angular 11 concepts like Angular-animate, Angular-cookies, Angular-Filter, Angular-Mocks, Angular-sanitize.
- ❖ Expertise in developing apps using Angular 11 custom elements (Angular Elements), rxjs 6 new pipe() operator, and Angular CLI 11 commands ng update, ng add.
- ❖ Managed the Angular state using the RxJS-powered state management solution NGRX.
- ❖ Extensively utilized the Observables to handle the asynchronous events in the application.
- ❖ Implemented the automatic documentation for the API using Swagger, an Open API specification.
- ❖ Deployed the application from Jenkins to the Nginx running on the App Service instance using the SSH protocol and rsync utility.
- ❖ Used GITLAB for Version Control to maintain the merge request policy with different branches for different environments.
- ❖ Utilized the Oracle DB module in Node.js to connect, make database CRUD operations, execute Oracle database package functions and stored procedures.
- ❖ Utilized the Nginx server feature reverse proxying to direct certain requests to the module running on a different APP Service instance.

**Environment:** HTML5, CSS, **Angular 11/9**, NodeJS, Express JS, JWT, OAuth 2.0, JIRA, GITLAB, Jenkins, HTTP/HTTPS, Firebug, Jasmine, Mocha, Cucumber, postman, Splunk, swagger API, Agile Methodology, Oracle, PL/SQL, ETL, Nginx, Apigee Gateway, Microsoft Azure.

**Client:** Versatile Software's Pvt Ltd., Bangalore

**Oct 2016 – July 2019**

**Role:** SR Java Developer

**Responsibilities:**

- ❖ Developed scalable **Java 8** and **11** applications focusing on **Lambda** Expressions, **Streams**, and Spring Boot microservices, employing Spring Framework in **MVC** design for backend operations, and adhering to **TDD** principles.
  - ❖ Managed microservices architecture using **Spring Boot** for scalable solutions, deploying services with Docker for containerization, and configuring springconfig.xml.
  - ❖ Experienced in using **React JS** code for making calls (GET, POST, PUT, DELETE) for fetching data from Restful API's
  - ❖ Worked with **Redux** reducers to capture the essence of flux stores, gradually migrated from existing Flux towards **Redux**.
  - ❖ Integrated custom Docker images with Spring Boot **microservices** for containerization, managed database interactions with **Hibernate ORM**, and applied dependency Injection for development efficiency.
  - ❖ Overseen **Kubernetes**-managed **Docker** clusters, utilizing Jenkins for **CI/CD**, JFrog Artifactory for artifact management, **GIT** for version control and implement **RBAC** and administer **RHEL** servers, configure network policies in Kubernetes.
  - ❖ Implemented Spring Security with **Hibernate** for secure applications, develop **Kafka** clusters for messaging, and handled real-time data analytics with **Kafka** Streams.
  - ❖ Used **OpenShift's** integration with Jenkins and other **CI/CD** tools to automate build, testing, and deployment workflows.
  - ❖ Execute serverless functions with **AWS Lambda**, integrating with **S3** for event-driven processing.
  - ❖ Formation, management of Docker deployments using **AWS Elastic Beanstalk** and **AWS CloudWatch** for monitoring.
  - ❖ Defined Kubernetes resources using **YAML** and **Helm charts**, managed data models in **Cassandra**, tuned Elasticsearch clusters, and configured network policies in Kubernetes.
  - ❖ Developed **REST** microservices with Spring Boot, data caching with **Redis**, and asynchronous processing with **Amazon SQS**; leveraged **Node.js** for server-side development.
  - ❖ Integrated **Drools** with Java for rule-based logic, implemented database access for **MySQL** on relational data storage.
  - ❖ Managed application server environments with **WebSphere**, optimizing for performance and reliability.
- Environment:** Java 8, Java 11, Spring, Spring Boot, Hibernate, React.js, Redux, HTML5, CSS3, JavaScript, TypeScript, JSF, SQL, Cassandra DB, Hibernate ORM, Docker, Kubernetes, Jenkins, JFrog Artifactory, GIT, Gradle, AWS, Elasticsearch, Spring Security, OAuth, RBAC, Eclipse, WebSphere, Red Hat Enterprise Linux (RHEL), Drools, Redis, ECM workflows, YAML, and Helm charts.

**Client:** Swagg Technologies Pvt Ltd., Bangalore

**July 2014- Oct 2016**

**Role:** Java Developer

**Responsibilities:**

- ❖ Utilized the Struts framework within the **Model View Controller Architecture** to simplify integration and maintenance.
- ❖ Led the development of end-to-end solutions using **Java** and **Spring Boot**, ensuring seamless communication between the front-end and back-end components.

- ❖ Crafted **Spring** framework controllers to manage request and response workflows through **Spring MVC**.
- ❖ Leveraged **Angular UI components** extensively, alongside **AngularJS** for DOM manipulation and filtering tasks.
- ❖ Implemented AngularJS forms and controls to validate user input, showcasing proficiency in creating sustainable single-page applications.
- ❖ Integrated **Node.js** applications with various databases, including MongoDB, PostgreSQL, and Redis, ensuring efficient data storage and retrieval for web applications.
- ❖ Configured legacy systems during their transition to **microservices**.
- ❖ Applied interceptors within **Spring AOP** for transaction management, security, and logging purposes.
- ❖ Employed AngularJS forms for data validation and implemented custom validator directives, updating **HTML** pages within the AngularJS framework.
- ❖ Established service layers to consume REST web services using **ActiveMQ**.
- ❖ Created microservices with Spring Boot, serving as **REST APIs** and seamlessly integrated with **AngularJS**-based web applications.
- ❖ Optimized batch processing performance by fine-tuning SQL queries, implementing caching strategies, and parallelizing data processing tasks, resulting in significant improvements in throughput and resource utilization.
- ❖ Manipulated **XML** files with **XSLT** and generated **HTML** outputs based on specific business logic for different widgets.
- ❖ Designed and implemented disaster recovery strategies for critical systems deployed on **Kubernetes** includes automated backups, failover mechanisms, and multi-region redundancy.
- ❖ Conducted performance benchmarking and load testing of **RabbitMQ** clusters to identify bottlenecks and optimize message throughput, achieving sustained performance under high loads.
- ❖ Employed Helm charts to define, install, and upgrade Kubernetes applications, streamlining the deployment process and promoting infrastructure as code best practices.
- ❖ Applied data validation techniques using **Angular** and **JavaScript**, creating frontend views with **HTML**, **CSS**, **HTML5**, **CSS3**, and **JSP**.
- ❖ Ensured responsive design with **Bootstrap** and **CSS3** media queries, integrating custom portal templates through **jQuery** plugins.
- ❖ Optimized database performance and data access layers using Lua libraries for SQL and NoSQL databases like PostgreSQL, MySQL, or Redis.
- ❖ Strong understanding of Agile methodologies, contributing to iterative Lua development cycles and delivering features incrementally to meet project deadlines.
- ❖ Created **SOAP** web services for internet-based application and service connections, coding web service interfaces using **JAXWS**. Developed **JUnit** test cases for both unit testing and functional testing across various modules. Prepared code documentation for future reference and upgrades.

**Environment:** Java, J2EE, AngularJS, Spring Boot, Spring MVC, Hibernate, Spring, Spring AOP, Spring Data, Spring Security, SOAP, REST, REST API, Servlets, JSP, Struts, HTML, CSS, CSS3, JSP, JavaScript, Jira, jQuery, AJAX, Microservices, Restful, Kubernetes, IntelliJ, Eclipse, Maven, Junit, SOAPUI, Log4j.