**Keerthika M**

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**PROFESSIONAL SUMMARY:**

* Experienced senior software developer with over **9+ years in software development** **focused on building Spring Boot Java services** within DevOps frameworks.
* Strong background in **Java development**, leveraging the **Spring Framework** to create modular and scalable solutions.
* Expertise in designing and consuming **RESTful APIs**, ensuring seamless data exchange between application components.
* Skilled in implementing **unit and integration tests** using tools like **JUnit**, **JMockit**, and **Mockito** for robust application quality assurance.
* Proficient in managing databases, with hands-on experience in **MySQL** and **PostgreSQL**, crafting complex queries and analysing data for application and production support.
* Adept in creating and optimizing **CI/CD pipelines** with tools such as **SonarQube** and **Octopus Deploy**, enabling efficient build and deployment processes.
* Well-versed in securing applications using **OAuth 2.0** and **JWT tokens**.
* Experienced in deploying and troubleshooting applications in **cloud platforms**, especially **Google Cloud Platform (GCP)**
* Working knowledge of several **Agile/SCRUM SDLC** approaches such as Test-Driven Development **(TTD)**, Incremental and Iterative methodologies, Pair Programming, and Agile Development.
* Successfully migrated legacy Java applications to **Java 8**, leveraging new language features and libraries.
* Skilled in developing APIs and integrating them into **cloud environments** to ensure secure and efficient communication between services.
* Designed and developed **RESTful APIs** to support seamless integration with internal and third-party systems.
* Developed enterprise-grade applications using Spring Boot for streamlined microservice development.
* Strong communication skills, with the ability to collaborate effectively across cross-functional teams and stakeholders.
* Strong understanding of design patterns and best practices for managing data.
* Worked with **Spring MVC, AOP, IOC, Spring Boot, Spring Microservices, REST, Spring Eureka, Spring Ribbon, Spring Netflix, Spring Hystrix**, **Spring Dashboard, Spring Zuul, Spring Security**.
* Implemented **HTTP** requests using **rxjs Observable** library to manage multiple values over time and managed various exceptions based on the response.
* **Knowledge of IntelliJ, Eclipse, STS, Rational Application Developer (RAD), and NetBeans IDEs. Mockito and EasyMock, Spring Junit Runner, and JMeter testing experience with JUnit Framework.**
* Experience in developing web applications on **MVC**-based frameworks like spring, Spring **IOC, Spring Security, Spring Boot, Spring Cloud,** and **Spring MVC.**
* Experience in using various **AWS** Components like **EC2** for virtual servers, **S3** and Glacier storing objects**, EBS, CloudFront, Elastic cache, IAM, S3, Cloud Watch, Cloud Formation** and **DynamoDB**.
* Experience in performing unit testing using **JUnit**, integration, and deployment of applications using tools **Maven**.
* Extensive experience in developing **RESTful** web services, JSON as a data exchange format to integrate custom web applications and various enterprise systems and application modules.
* Configuration experience with web/application servers such as **Tomcat 6/7, OAS**, and **Apache**. Developed Microservices with Spring Boot, combining **REST** and **Apache Kafka** message brokers.
* I have expertise in different open-source frameworks like **Struts2.0/2.1, Spring 2.5/3.0,** and ORM Technology like **Hibernate 3.0, IBatis, Mybatis, and jQuery**.
* Implemented persistence layer integration with DB using **JPA/Entities/Hibernate/JDBC API.**
* Experience with cloud technologies **Amazon Web Services (AWS), Microsoft Azure, pivotal Cloud Foundry (PCF) in various environments.**
* Expertise with the employment of **Apache Kafka** and **Zookeeper** apart from **JMS** as messaging service.
* **Experience with CICD-Ant, Maven, Gradle, Jenkins, Concourse, CVS, Git, and GitHub. Experiences with build tools include Maven, Gradle, and Jenkins.**
* Expert in data structure design, Data Modeling in MongoDB, performance tuning, handling big data, knowledge with **NoSQL Databases**.
* Performed **Daily backup** & **exports of LDAP** Directory server. Designed and developed **a MongoDB (NoSQL)** based external **Restful API f**or exposing the functionality of an existing **SAAS platform** to clients in an **agile work environment** using the **web client.**
* Proficient in **SQL, PL/SQL, T-SQL**, Views, Functions, Stored Procedures and Triggers. Experience in using **Jenkins** for continuous integration (**CI/CD**).

**TECHNICAL SKILLS:**

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| --- | --- |
| **Programming Languages** | **Java 11.0/8.0/7.0, J2EE, PL/SQL.** |
| **Java/J2EE Technologies** | **Servlets, Spring, EJB, JPA, JDBC, JSP, JSTL, JNDI.** |
| **Frameworks** | **Struts, Spring Core, Spring MVC, Spring Security, Spring Boot, Spring Batch, Spring ORM** |
| **Application/Web servers** | **Apache Tomcat 8, IBM Web Sphere 8.x/9.x, Web Logic 12c** |
| **Relational Databases** | **Oracle 10g/11g, SQL server 2012/2014/2016, MySQL 5.7, DB2 11.1, Postgres** |
| **NoSQL & SQL Databases** | **MySQL, MongoDB, Postgres.** |
| **Cloud Environments** | **AWS(code commit, cloud watch, IAM), GCP** |
| **Messaging Frameworks & Web/App Servers** | Apache Kafka, Apache Tomcat. |
| **CI/CD Tools** | Jenkins, GitHub Action Docker |
| **IDE & Utilities** | Eclipse, Tableau, Postman, Query Man, MyEclipse, STS, IntelliJ, Visual Studio Code, PyCharm, WebStorm. |
| **Testing & Bug tracking Tools** | **JUNIT4/5,** |
| **Methodologies** | **Agile, waterfall, Scrum** |
| **Build Tools** | **Ant 1.10, Maven 3.3.9, Gradle 6.4.1** |
| **Web Services** | **REST** |

**Professional Experience:**

**Client: Humana August 2023 – Present**

**Role: Fullstack Developer**

**Responsibilities:**

* Designed and implemented microservices architecture using **Spring Boot**.
* Designed and consumed **RESTful APIs** to enable seamless communication across application layers.
* Designed, implemented, and maintained **Kafka-based messaging pipelines** for real-time data streaming.
* Implemented automated unit and integration tests using JUnit, JMockit, and Mockito to enhance code quality and reliability.
* Developed rest web services using **Spring MVC** and basic authentication is done using **spring security.** Deployed and tested **ADF Rest resource** using Integrated **Web Logic Server.** Experience in creating and consuming **SOAP/RESTful** services using **Web Services,** WCF**, WPF and Web API**.
* Analysed and optimized **SQL** queries in MySQL and **PostgreSQL** to support application functionality and troubleshoot production issues.
* Built and managed **CI/CD** pipelines using SonarQube for efficient build and deployment processes.
* Secured application endpoints using **OAuth 2.0** to ensure robust authentication and authorization.
* Used Java 8 features like Predicates, **Functional Interfaces and Lambda Expressions, Method References** **and Stream** API for bulk data operations on Collections and used Java 9 features.
* Improved overall performance via **Multithreading,** **collections**, **synchronization,**and **Exception.**
* Developed **RESTful Microservices** using spring technologies - Spring Boot, Spring Security, Spring Data, used **Postman** to test **Microservice** which is a web hook service component.
* Used Hibernate framework with Spring Framework for data persistence and transaction management.
* Utilized Spring Data for seamless integration with databases, leveraging repositories and JPQL for efficient querying.
* Configured and managed Spring Security to ensure secure access to APIs and services.
* Ensured API security using authentication and authorization mechanisms like OAuth2 and JWT.
* Optimized REST web services for high performance and scalability under heavy loads.
* Developed backend services using **Java 8,** implementing **Lambda expressions and Stream API** to enhance code readability and performance.
* Designed and implemented RESTful APIs and microservices in Java to enable efficient communication between different systems and external applications.
* Integrated **Java features** with Azure Cloud services, including Azure Functions and API Management, to enhance cloud-native microservice architectures.
* Optimized application performance using Java 8 Streams for processing large collections of healthcare data, improving response times and resource utilization.
* Refactored legacy Java code to utilize Java functional programming constructs, reducing complexity and improving codebase flexibility.
* Led the development of backend modules with Spring Boot and Java, focusing on high performance, security, and scalability.
* Developed unit and integration tests using JUnit and Mockito.
* Worked with modules like **PostgreSQL** for database persistence using Node JS to interact with **PostgreSQL**.
* Worked on **PostgreSQL** data model design based on application, used embedded, normalized data models.
* Implemented and maintained the monitoring and alerting of corporate storage using **AWS Cloud watch**.
* Worked at oracle WebCenter content capturing and imaging, involved in design of the portal application using oracle web center portal. Worked on various scripting languages such as **Java Script, jQuery, SHELL, PERL, Java.**
* Strong Database Design and Development experience with SQL Server Reporting Services (**SSRS**), Integration Services (**SSIS**), and Report Builder.
* Developed server-side application to interact with database using **Spring Boot** and **Hibernate**.
* Strong analytical and coding skills, large and complex skills, and mainframe applications.

**Environment: Spring Boot, Spring Framework, Spring Batch, Spring Security, Spring Data JPA, Micro services, Kafka, CI/CD, SonarQube, Bootstrap, Jenkins, JMeter, Junit, Mockito, HTTP, REST, Selenium WebDriver Git, Kubernetes, Apache Kafka, MySQL.**

**Client: PNC July 2022 - August 2023**

**Role: Full stack Developer**

**Responsibilities:**

* Coordinated with Web Admin and **DevOps** teams to configure and deploy the application across development, test, and production environments.
* Secured application endpoints using **OAuth 2.0** and **JWT tokens** to ensure robust authentication and authorization.
* Deployed, monitored, and troubleshooted cloud-based applications on **Google Cloud Platform** (GCP) for high availability and performance.
* Debugged application logs and **JSON** documents to identify and resolve defects across UI, middleware, and backend components.
* Utilized **Postman** to create and test API requests, ensuring functional and performance compliance.
* Applied clean code principles and implemented reusable, modular code adhering to design patterns and industry standards.
* Designed and implemented thread-safe mechanisms for concurrent data handling, ensuring application stability.
* Developed backend **microservices** using Java to support healthcare insurance applications and ensure seamless API integrations.
* Optimized system performance with Spring caching mechanisms and transaction management.
* Provided comprehensive solutions using Spring Cloud components for distributed systems and service discovery.
* Implemented proper **exception handling** and status codes to improve API reliability and usability.
* Utilized tools like Swagger and Postman to document and test REST APIs comprehensively.
* Monitored **Kafka** clusters using tools like **Kafka** Manager and Prometheus to ensure high availability and performance.
* Integrated **Kafka** with Spring Boot applications for asynchronous data processing.
* Implemented schema evolution and validation using Kafka Schema Registry.
* Designed and implemented PL/SQL functions, stored procedures, and views, integrating Oracle databases with JNDI connection pooling.
* Worked on building and maintaining web-based reporting systems using JSP, HTML, JavaScript, and JSF to enhance user experience.
* Collaborated in an Agile environment, participating in sprints and stand-ups to ensure timely delivery of project deliverables.
* Optimized performance and ensured the reliability of backend services through thorough testing and debugging practices.
* Utilized healthcare insurance domain expertise to align application development with industry-specific requirements.
* Validated integration points between components by leveraging **Mockito** for mocking external services and interfaces.
* Utilized **Jenkins** advanced features, including parameterization, job triggering, and conditional execution, to create flexible and customizable **CI/CD** workflows to meet project requirements.
* Experienced in implementing **Continuous integration and Continuous delivery (CI/CD)** pipelines using tools like **Jenkins** and **GitLab CI** for automated building, testing, and deployment.
* Proven aptitude in horizontally scaling **Kafka** clusters to accommodate streaming workloads and optimizing resource utilization while upholding exceptional performance standards.
* Proficient in **Apache Kafka** harnessing these technologies for high-speed data processing, caching, and distributed database management.
* Proficient in leveraging tools such as **Maven**, **Swagger**, and **Postman** to facilitate seamless communication and persistent data handling in software development.
* Utilized **MongoDB's** indexing and sharing capabilities to optimize query performance and accommodate the increasing data load, resulting in improved application responsiveness.
* Leveraged **MongoDB**'s powerful **aggregation** framework for complex data analysis and reporting, facilitating actionable insights and data-driven decision-making.
* Automated testing workflows by combining **JUnit** with CI/CD pipelines to detect regressions and maintain code quality.

**Environment: Spring Boot, Spring Framework, Spring Batch, Spring Security, Spring Data JPA, Micro services, Azure, CI/CD, Jenkins, JMeter, Junit, Mockito, HTTP, REST, Selenium WebDriver Git, Apache Kafka, MySQL.**

**Client: Garmin Technologies, Kansas City, MO Jan 2022 – July 2022**

**Role: Sr. Full Stack Java Developer**

**Responsibilities:**

* I've contributed at numerous phases of the **Software Development Life Cycle** (SDLC), made significant contributions in software development. Proficient in Agile methodologies, actively engaged in **SCRUM** meetings to track progress.
* Implemented modular development using **Java 11's** module system for structured, efficient application building.
* Collaborated with cross-functional teams to triage application issues, streamline debugging processes, and optimize performance.
* Utilized advanced **Mockito features**, such as argument captors and custom answers, to verify complex interactions and behavior.
* Designed and developed microservices using Java 8 and Spring Boot, enabling modular, scalable, and maintainable backend systems.
* Created and deployed RESTful APIs using Java and Spring Boot, ensuring efficient communication between microservices in a distributed architecture.
* Implemented Spring Cloud to manage service discovery, load balancing, and centralized configuration across microservices deployed in the cloud.
* Integrated microservices with Azure API Management to expose and secure APIs, allowing for seamless communication and monitoring across distributed systems.
* Designed REST endpoints to support CRUD operations for various microservices in a distributed architecture.
* Applied RESTful principles to develop stateless communication between services and enhance reusability.
* Used Azure Event Hub for real-time data ingestion and integration with big data pipelines.
* Worked with Azure Blob Storage to manage unstructured data, optimizing storage solutions for scalability and durability.
* Designed and developed Microservices leveraging Java and the Spring ecosystem, including **Spring Boot, Spring Security, Spring Batch, and Spring Data JPA**. Created modular, scalable, and maintainable services.
* Employed **Spring Boot Actuator** for real-time monitoring and effective management of applications in production, facilitating health checks and metrics tracking.
* Utilized **SonarQube** to track code quality, identify issues, and enforce adherence to best practices for maintainability.
* Conducted **code reviews** to maintain high-quality deliverables and enforce coding standards throughout the development lifecycle.
* Proficient in designing, developing, and maintaining Spring Batch applications, leveraging its powerful features for efficient batch processing.
* Experienced in configuring complex Spring Batch jobs using XML & Java configuration, defining step sequences, and handling job parameters dynamically.
* Skilled in using Spring Boot Circuit Breaker to handle failures and network issues gracefully, preventing cascading failures and ensuring system availability. Familiarity with creating custom Circuit Breaker implementations using Spring Boot's extensibility, catering to specific use cases and requirements.
* Ensured application security and scalability by implementing best practices for Azure resource configurations, including role-based access control (RBAC) and monitoring.
* Utilized Azure Monitor and Application Insights to diagnose and improve the performance of Azure-based applications and services.
* Worked closely with stakeholders to design solutions leveraging Azure services for high availability and fault-tolerant systems.
* Migrated existing on-premises applications to Azure cloud infrastructure, implementing Azure-native features to enhance functionality and reduce costs.
* Experienced in configuring security measures, authentication, and authorization mechanisms within Mule ESB flows to ensure data protection.
* Conducted **behavior-driven testing** by integrating **Mockito** with JUnit to simulate real-world scenarios and validate business logic.
* Implemented REST web services based on RESTful APIs, utilizing the power of Spring to create efficient and reliable communication channels.
* Possess a profound understanding of Hibernate Query Language (HQL) and the Criteria API for crafting intricate database queries using intuitive object-oriented syntax.
* Expertise in Amazon Web Services (AWS), setting up EC2 and S3 instances, and deploying Docker images. Proficient in managing security using IAM and S3 policies.
* Worked with AWS technologies: IAM, S3, Elastic Beanstalk, VPC, RDS, and CloudWatch.
* Implemented Kafka Producer and Kafka Consumer in Microservices for real-time data flow.
* Skilled in leveraging Kafka partitions to achieve data parallelism, enabling concurrent processing of messages within a topic for improved throughput.
* Experienced in setting up and deploying Kubernetes clusters to create scalable, resilient application environments. Skilled in working with Docker to containerize applications and create lightweight, portable environments.
* Adept at building and optimizing Docker images, incorporating best practices for image size and security.
* Used Splunk for the engineering dashboards used by the developers for easy track of application health.
* Proficient in writing unit test cases using Junit 5 and Mockito framework.
* Proficiently developed Android applications using both Java and Kotlin, ensuring adherence to design specifications and Material Design guidelines.
* Administered and upgraded Splunk Enterprise on Linux and Windows servers, implementing Log4j 2 for effective log management and streamlined troubleshooting.
* Constructed Jenkins CI/CD pipelines using custom Docker images Developed and deployed restful web APIs in AWS instances using Jenkins, Open shift, and Docker technology. And configured Docker files to build, and push images into a test Docker repository.
* Developed Docker-based Microservices deployment modules with Jenkins-based frameworks.Worked on different Automation tooling techniques to support the development and the CI/CD pipeline.
* Worked with NoSQL databases HBase and MongoDB for real-time data analytics, successfully upgrading Datastax enterprise cluster and MongoDB version to enhance data processing and analysis capabilities.
* Dealt with MongoDB database ideas, for example, locking, exchanges, files, sharing, replication, and composition outline. Made accumulations and performed CRUD operations utilizing Mongo Driver and Mongo Repository.

**Environment: Spring boot, JUnit, UML, Subversion, JBoss 5, Windows, JAVA 11, Spring, Windows, Linux, MySQL ,** **Azure API Management, Azure Logic Apps, Azure Kubernetes service**, **Java/J2EE, Spring Frameworks, Postman, Microservices, IntelliJ, STS, Jenkins, MY SQL, MongoDB, Splunk, Gradle, Maven, OpenShift/Kubernetes, Swagger, Azure, Docker, Rally, Kafka, GitHub.**

**Molex India Business Services, Bangalore, India August 2019 - January 2022**

**Software Developer**

**Responsibilities:**

* Developed REST API's using Spring MVC and Spring boot, hosted all micro services on AWS and used Elastic Beanstalk to set up application and configured environments.
* Designed and developed REST based Microservices using the Spring Boot.
* Utilized Kubernetes for the runtime environment of the CI/CD system to build, test deploy.
* Kubernetes is being used to orchestrate the deployment, scaling, and management of Docker Containers.
* Collaborated with DevOps engineers to streamline deployment pipelines and ensure seamless application rollouts.
* Enhanced debugging and troubleshooting efficiency by writing clear and informative assertions in **JUnit test cases**.
* Created reusable test utilities and templates in **JUnit** and **Mockito**, streamlining the process of writing tests for similar modules.
* Authored comprehensive documentation for APIs, system architecture, and deployment workflows to support team collaboration and knowledge sharing.
* Enhanced database performance by monitoring and optimizing complex queries in MySQL and PostgreSQL.
* Implemented robust **error-handling** mechanisms and exception management strategies to enhance application resilience.
* Created Maven build file to build the application and deploy it on Web Sphere Application Server.
* Deployed and developed my project using AWS EC2, S3, Data pipeline, Elastic Beanstalk, cloud watch, Elastic search, AWS server migration service, Lambda, Amazon messaging services (SQS and SNS) and Amazon Kinesis services.
* Used the most popular streaming tool KAFKA to load the data on Hadoop File system and move the same data to MongoDB -NoSQL database.
* Expertise in Apache Kafka message implementations and their integrations with the systems. Design /Implement large scale pub-sub message queues using Apache Kafka. Deep understanding of Kafka cluster environment and zookeeper. Written Storm topology to accept the events from Kafka producer and emit into Cassandra DB.
* Used AWS Elastic Beanstalk service for deploying infrastructures which orchestrates various AWS services.
* Developed and executed comprehensive **unit tests** using **JUnit** to ensure code functionality and maintain high test coverage.
* Designed and implemented **mocking frameworks** with **Mockito** to simulate dependencies and isolate units under test for reliable and independent testing.
* Designed and developed asynchronous RESTful Microservices using Spring boot, Couchbase and RXJava that are consumed by other microservices with an average response time of 30 milliseconds.
* Used Amazon Elastic search service for application monitoring and full text search. Used GWT and Amazon AWS (EC2/S3/EBS) for prototyping and subsequent ev aluation.
* Responsible for maintaining and expanding our AWS infrastructure using AWS (EC2/EBS). Used JBOSS application server for run time integration of j2ee applications.
* Used Apache CXF for supporting variety of web service standards like SOAP and WSDL
* Used NoSQL databases like MongoDB and AWS DynamoDB handle large volumes of data flow.
* Good Knowledge on JAVA 8 features like functional interfaces and lambda expressions.
* Worked on DenodoExpress6.0 version for fast deployment on AWS cloud.
* Used spring config server for centralized configuration and Splunk for centralized logging. Used Concourse and Jenkins for Microservices deployment.
* Used the MongoDB cloud manager for managing and monitoring the MongoDB infrastructure and used cloud manager backup for data backup and data restoration.
* Eureka service registry of PCF configured for each service to enable communication via cloud.
* Developed Servlets and JSPs based on MVC pattern using Struts framework and Spring Framework.
* Written JUNIT test cases for testing Spring Framework.

**Environment: Spring, JSON, JSTL, Servlets, AWS, SDN, Oracle, MongoDB, micro- services, Eclipse, JUnit, JSF, Maven, Apache Hadoop, MongoDB, Amazon Elastic search, Spring Boot, Spring Cloud, spring data JPA.**

**IBM, Bangalore, India June 2017– July 2019**

**Client: AT&T**

**Application Developer**

**Responsibilities:**

* Leverages knowledge of W3C requirements, classical Model View Layer (MVC) structure and pass-browser improvement strategies.
* Strong level in the usage of Java/J2EE Design Patterns, Struts and JSF Framework.
* Experience in XML over HTTP Messaging the usage of XML and J2EE technologies.
* Good enjoy with implementing multithreading socket servers.
* Proactive, independent, team participant and tough running individual with first-rate conversation abilities.
* Create MVC structure using Spring, JSP, Servlets and Java.
* Micro Services have been built using spring boot, spring cloud and deploying to AWS Cloud.
* Developed application using Spring MVC, Spring Boot, JSP, JSTL (Tag Libraries) and AJAX on the presentation layer, the business layer is built using spring.
* Used Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST API's and Spring Boot for microservices.
* All the functionality is implemented using Spring IO / Spring Boot, Thyme leaf and Hibernate ORM. Implemented Java EE components using Spring MVC, Spring IOC, Spring transactions and Spring security modules.
* Database connection pooling the use of JDBC.
* Used Maven to construct and unit look at applications.

**Environment: Java 8, Spring, JSP, Servlets, XML, HTML, DHTML, CSS, SQL, JDBC, Java Beans, JUnit, UML, Subversion, Windows, Unix JAVA 6, Spring, Maven 2, SVN, Windows, Linux, MySQL Server 2008.**

**Solvent Solutions, Hyderabad, India Jan 2016 to May 2017**

**Jr: Java developer (Internship)**

**Description:** An application is being developed to automate the Sales Order Transactions of the company. This application keeps track of the information pertaining to the sales transactions such as Customer details, Product or Item description and their Pricing Schedule, Purchase Order details and View and Enquiry of the Order Screens. Designed and developed the Order Processing Module. Involved in the design and coding of this module. The system checks the database for availability and an invoice is prepared.

**Responsibilities:**

* Developed a new CR screen from the existing screen for the LTL loads (Low Truck Load) using JSP.
* Developed desktop interface using Java Swing for maintaining and tracking products.
* Developed the application using Eclipse IDE and worked under Agile Environment and worked with Web admin and the admin team to configure the application on development, training, test and stress environments (Web logic server).
* Executed and coordinated the installation for the project and worked on a web-based reporting system with HTML, JavaScript, JSP and JSF.
* Build PL\SQL functions, stored procedures, views and configured Oracle Database with JNDI data source with connection pooling enabled.
* Developed the Training and Appraisal modules using Java, JSP, Servlets and JavaScript
* Used Hibernate based persistence classes at data access tier and adopted J2EE design patterns like Service Locator, Session Facade and Singleton.
* Modified web pages using JSP and Used Struts Validation Framework for form input validation.
* Used custom components using JSTL tags and Tag libraries implementing struts and used Web Logic server for deploying the war files and used Toad for the DB2 database changes.

**Environment:** **Java, J2EE, Struts, JSP, HTML, XML, Web Logic, Eclipse IDE, JSTL, DB2, JDK, Web Logic Server**.

**Pixel Quest Technologies Pvt.Ltd** **(Internship), Hyderabad, India July 2015 to Dec 2015**

**Jr: Java developer**

**Description**: Pixel Quest Technologies is a software developer company. It provides software skills, adopting new and improved technologies on a regular basis, operation, client base, geographical reach, service offerings, volume of business, target markets, revenue, and profits.

**Responsibilities**:

* Extensive experience in designing professional UI web applications using front-end technologies and Java Script Frameworks like HTML, CSS, JavaScript, XML, jQuery, AJAX, JSON, Bootstrap.
* Involved in writing application-level code to interact with RESTful Web APIs, using AJAX, JSON, XML, and jQuery.
* Worked on AJAX functionality for dynamic data binding for data grid, accordion, Ajax driven menu tabs using back-end service calls and consumed both JSON and XML data in UI Side.
* Used Core Java features such Collections, and Exception handling to efficiently process transactions.
* Used Spring Framework AOP Module to implement logging in the application to know the application status.
* Developed the whole application using Spring MVC Framework IOC (Inversion of Control) design pattern to separate the application configuration and dependency specification from the actual application code.
* Used a distributed Transactions Management system with Spring JPA.
* Used Spring Batch as spring batch jobs can meet the requirements of reliability, robustness and traceability which are essential for automatic processing of enormous amounts of data.
* Involved in designing and developing the End points (controllers), Business Layer, DAO layer using Hibernate.

**Environment: HTML, CSS2, JavaScript, jQuery, AJAX, JSON, DHTML, JAXB, XSLT, XML, Spring MVC, Spring-CORE, Spring Batch, Spring Security, Spring AOP, Spring JPA, REST Service, Hibernate, MySQL, JMS, WSDL, JUnit, Apache CXF, Eclipse.**

**EDUCATION:**

* BTech Computer Science from JNTUH University College of Engineering, Sultanpur, in 2017 with **75%**