

Naveen Kumar M

Java Full Stack Developer

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PROFESSIONAL SUMMARY:

- Having around 7+ years of experience in full **Software Development Life Cycle, including** Analysis, Design, Development, and Testing of web-based and client-server multi-tier applications using Java technologies.
- Experienced in approaching **Behaviour-driven development (BDD)** and **Test-Driven Development (TDD)** using the **SCRUM** framework in **Agile Methodology**.
- Experienced in developing web applications using **HTML5, CSS3, JavaScript, Angular 2+, React JS, Node JS, AJAX, JSON, JQUERY Bootstrap** and **XML**.
- Strong knowledge in developing Dynamic Single Page Applications (SPA) using **MEAN (MongoDB, Express, Angular, and Node JS)**.
- Familiar with Java 8 features including **Exception Handling, Multi-Threading, I/O Streams, Collections, and other Core Java ideas and technologies**.
- Good knowledge of Java 8 features like **Lambda expressions** and **Stream API** for bulk data operations on Collections to improve the application's speed.
- Experience in working with **Angular** modules, services, templates, directives, services, and dependency injection to create a SPA.
- Worked in using **React JS** components, Forms, Events, Keys, Router, Animations, and Flux concepts.
- Experienced in working with **Redux architecture** using complex Object-Oriented concepts to improve the performance of the websites.
- Used **Spring Tool Suite (STS)** which is based on Eclipse to develop and debug application code.
- Good knowledge of Java APIs that include **Collection, Concurrent, Serialization, IO Exception Handling, Multithreading**, and the latest Java features.
- Involved in developing cross-platform server-side JavaScript frameworks using **Express, Node JS, and Mongo DB**.
- Worked on multiple components of spring frameworks like **Spring Boot, Spring MVC, Spring DAO, Spring AOP, and Hibernate** frameworks.
- Experienced in Developing Applications based on **J2EE** using **Hibernate** and **Spring framework**.
- Experienced in using Java technologies: **Core Java, JDBC, JSP, and Servlets**.
- Developed and deployed microservices-based applications using **Spring Boot** and **Spring Cloud**.
- Experienced in developing applications using **Visual Studio, Eclipse, Android Studio, and IntelliJ**.
- Used **Java Message Service (JMS)** to create, send, receive, and read messages.
- Strong experience with **MongoDB** development (reports, schema design, map reduce functions) and migrations from **SQL** relational databases to **NoSQL** databases.
- Experienced in database modelling, design, and development of **PL/SQL** stored procedures, and packages in relational databases: **Oracle, SQL Server, PostgreSQL, and MySQL**.

- Experienced in **CI/CD** tools using **Jenkins** creation, **GIT**, **Maven**, and **Junit**.
- Expertise in integrating **Apache Kafka** messages with various systems and their implementation. Using **Apache Kafka**, design and implement massive pub-sub message queues. deep familiarity with Zookeeper and the **Kafka cluster** environment. **Cassandra** database will receive events from the **Kafka** producer and output them using the written Storm topology.
- Worked on Implementing the **Apache Kafka** cluster as a messaging system between the **APIs** and **Microservices**.
- To store and process the data, **Java 8's Streams** and **Lambda expressions** were used.
- Used **Log4j** and **Slf4j** utility to compute **run-time logs** for project management and version management.
- Used **Swagger** to document the APIs and validated the **REST API** using **Postman**.
- Strong experience in using container systems like **Docker** and container orchestration like **EC2 Container Service**, and **Kubernetes**.
- Managed **Docker orchestration** and **Docker containerization** using **Kubernetes**.
- Deploying **EC2** instances and connecting to the Databases on RDS.
- Expertise in **Amazon Web Service (AWS)** such as **EC2**, **EBS**, **Security groups**, and **lambda**.
- Proficient in Docker containerization and skilled in leveraging cloud-based container services such as **AWS ECS instances**
- Designed, configured, and deployed **Microsoft Azure** for a multitude of applications utilizing the Azure stack (Including Compute, Web & Mobile, Blobs, Resource Groups, Azure SQL, Cloud Services, and ARM), focusing on high - availability, fault tolerance, and auto-scaling.
- Strong experience using servers like **Apache Tomcat**, **JBoss**, and **WebLogic** to configure and deploy applications. and Used **OAuth authentication protocol** respectively for security and authorization.
- Intellectual capacity to grasp new situations quickly and problem-solving skills.
- Excellent communication skills, leadership abilities, strong architectural skills, hardworking and a very good team worker.

TECHNICAL SKILLS:

Languages	Java (JDK 1.4/1.5/1.6/1.7/1.8), PL/SQL.
Web Technologies	HTML, JavaScript, AJAX, Bootstrap, jQuery, XML, XSLT, XSL, CSS, JSON, Node JS, AngularJS, ReactJS
Web service Frameworks	Spring, Hibernate, Spring MVC, Spring Boot, Spring DAO, Spring AOP, slf4j, Log4j, Junit
Application/Web Servers	Web Logic Server, Apache HTTP Server, Apache Tomcat, JBoss
IDE Tools	Eclipse, IntelliJ, Spring Tool Suite, Kafka, PL/SQL loader
Web Services	RESTful, JMS

Databases	Oracle, SQL Server, MySQL, Postgres SQL, Mongo DB
Build Scripts & DevOps Tools	Maven, Ant, Jenkins, Docker, Kubernetes
Cloud	AWS, AZURE, Google Cloud Platform
Version Control Tools	GIT
Testing Tools/Others	JUnit, Slf4j, Log4J
Messaging Tools	JMS, Apache Kafka
Operating System	Windows, Linux, Unix.
Design patterns	Singleton, Data Transfer Object, Facade, Data Access Object, MVC.
Software Methodologies	Agile, TDD, Scrum, SDLC Waterfall

Education: MS in computer engineering from Wichita State University
Bachelors in EEE From RVR & JC College of Engineering

PROFESSIONAL EXPERIENCE:

Client: Parexel International Corporation (Massachusetts, USA)

September 2022 - Present

Role: Sr. Java Full Stack Java Developer

- Worked as a part of **Agile** Software Development Methodology including **Scrum** technology.
- Interacted with other team members to understand project needs during the design phase and data modelling.
- Responsible for coordination with the team, attending daily and weekly **scrum** meetings to update the work status, issues clarifications, etc.
- Employed the most widely used streaming application, **KAFKA**, to import the data into a Hadoop file system and transfer it to a MongoDB NoSQL database.
- Java 8 features like **Lambda expressions** and **Stream API** for bulk data operations on Collections to improve the application's speed.
- Professional experience integrating Apache tools such as **Kafka** and building web interfaces with **JSP** and **Servlets**.
- Actively involved in Analysis, Design, Development, System Testing, and User Acceptance Testing of **software development life cycle**.
- Constructed Interactive web applications for backend systems using **HTML5, CSS3, Typescript, JavaScript**.
- Create a single-page application with loading multiple views using route services to make it dynamic by using **React** and **Node JS**.
- Worked on **React JS** components, Forms, Events, Keys, and Router, plus Redux, Animations, and Flux concepts.
- **JavaScript** and **jQuery** are used for validating the input given to the user interface.

- Extensively Involved in working on **Java 1.8** features like lambda expressions for Interacting between the business layer and database, and **Stream API** for Bulk Data Operations on Collections using both streams and parallel streams.
- Designed and contributed **Kafka** Microservices for web applications for retrieving customer information along with current page load details.
- Configured **Java Messaging Services (JMS)** on WebLogic Server using **Eclipse IDE**.
- Involved in **Designing** and **building microservices architecture** and **service mesh technologies** and implemented fail-safe and circuit breaker patterns in **Spring Boot** Microservice applications.
- Configured **Swagger-UI** to register Microservice with the **Eureka** server and monitored service health check from the **Spring Boot** admin console and **Spring Ribbon** for load balancing.
- Developed the application for incident creation and retrieving the events using restful web services with **Spring Boot**.
- Wrote authentication and authorization classes and managed it in the front controller for all the users using **Spring security**.
- Performed **CRUD** operations like updating, Inserting, and Deleting the data in the **NoSQL** database **MongoDB**, and data was integrated into numerous applications in Favor of **JSON** documents with dynamic schemas.
- **SQL Queries, PL/SQL Stored procedures, triggers, and packages** are used for creating and extracting data from the database.
- Experience in designing and migrating projects to **Azure** Environment and worked on Azure cloud technologies like **App Services, Azure Functions, Storage services, and Azure SQL**.
- Monitored **Azure Log Analytics** for troubleshooting the issues.
- Worked on continuous integration methodology for building and deployment of code in different environments using **Jenkins** continuous Integration.
- Used **Hibernate** in the data access layer to access and update information in the database.
- Authenticating Users and to provide the security to Restful web services using **OAUTH 2.0**.
- For the application, **Git** was used as the version control system and used **Postman** to interact with API endpoints of the Microservices.
- Creating Test cases and running test cases are done by using **JUNIT**.
- Integrating testing has been for many individual classes.
- Involved in Using **JIRA** to assign, track, report, and audit the issues in the application.
- Collaborated with team members, including Quality Assurance to reduce project delays.
- Implemented **Slf4j** for application logging and to troubleshoot issues in debug mode.
- Involved in the process of Documentation and audit compliance on **UNIX** and **Linux** servers.
- Used AWS services such as **EC2, S3, API Gateway, Cognito, Lambdas, CloudWatch**, and Secrets Manager, ensuring optimal performance, security, and scalability. Adept at designing and implementing cloud-based solutions for diverse business needs.

Environment: Agile, Java 1.8, HTML5, CSS3, Typescript, JavaScript, React JS, jQuery, JSON, Spring Boot, Spring Ribbon, Eureka, Eclipse IDE, Swagger, SQL, NoSQL, Hibernate, Jenkins, JIRA, Docker, Slf4j, Kafka, Git, Azure, Stream APIs, UNIX.

Client: Guthy Renker LLC (California, USA)

October 2021 – September 2022

Role: Java Full Stack Developer

Involved in **Planning, Requirements gathering, Analysis, Design, Development, System Testing, and User Acceptance Testing** of the project.

- Build and Implement application components in an **Agile environment** utilizing a **Test-Driven Development (TDD)** approach.
- Involved in **Sprint** planning for the estimation of efforts for user stories and bugs.
- Created responsive UI web pages using **CSS3, Angular, and JavaScript** and has worked with Angular filters in expressions and directives to filter data in the UI.
- Created **UI screens** involving single-page applications like **angular** and deployed them to improve the performance of **front-end data binding**, dynamic loading of modules, and dynamic content.
- Developed and built micro-services architecture and integrated with **Angular** application.
- Implemented **Angular Router** to enable navigation from one view to the next as the customer performs application tasks.
- Implemented **JDBC** to perform the database calls from the Java layer.
- Build **Java modules** implementing business rules and workflows using **Spring Boot**.
- Involved in Using **loosely coupled architecture** and developed Microservices in the application by using **Spring Boot**.
- Developed Web applications using **Core Java, Spring, MongoDB, Angular, and JavaScript**.
- Build **Microservices & APIs** using **Spring Cloud, Spring Boot, and Spring Integration**.
- Developed the application using **Spring Boot** Framework and handled the **security** using **Spring Security**.
- Strong **Core Java** background with experience in **Collections, Multi-Threading, Interfaces, RMI, Serialization, Synchronization, Exception Handling, Java Swing, OOPs techniques, Logging and Performance Tuning**.
- Implemented **Apache Kafka**, design and implement massive pub-sub message queues. deep familiarity with Zookeeper and the **Kafka cluster** environment.
- **Cassandra** database will receive events from the **Kafka** producer and output them using the written Storm topology.
- Worked on **RDBMS -PL/SQL programming on Oracle, MySQL, and SQL Server, writing Stored Procedures and SQL Queries**.
- Developed **CI/CD** system with **Jenkins** on **Kubernetes** environment, utilized **Kubernetes** and **Docker** for the runtime environment for the CI/CD system to **build, Test, and Deploy**.
- Good setup experience, configuring continuous build processes using **Jenkins, Maven, and ANT**.
- Worked on Building/Maintaining **Docker** container clusters managed by **Kubernetes, Gitlab, and Docker** on the **AWS** Platform.
- Project **migration** into cloud environment using **AWS, Docker container**.
- Worked on **AWS** cloud services like **EBS** for installing, configuring, and auto-scaling and **EC2** services.
- Used **Amazon S3** to backup **EBS** volumes periodically to save snapshots of data.
- Configured applications using **Jenkins Continuous Integration deployment** plan and Integrated Jenkins with **Git** Repository for Continuous Integration.
- Experience in making DevOps pipelines using **OpenShift** and **Kubernetes** for the **Microservices Architecture**.
- Created the **swagger** files to configure the definition objects of service endpoints and used **Log4j** for logging the application flow.

- Provided Technical support for **production environments** resolving the issues, analysing the defects, and providing, and implementing the solution defects.

Environment: Java, Spring 3.0, Spring boot, Microservices, REST Web Services, WebLogic, Eclipse, Log4j, PL/SQL, jQuery, AngularJS, NodeJS, JSON, XML, Amazon Web Services, Kubernetes, swagger, Jenkins, Maven, ANT, production environment.

Client: Uber (Hyderabad, India)

June 2019 – July 2021

Role: Java Developer Responsibilities:

- Involve in all phases of the **Software Development Life Cycle (SDLC)** of the application Requirement gathering, Design, Analysis, and Code development.
- Used **HTML, CSS, XML, and JavaScript** for developing front-end web pages.
- Worked with **CSS background, CSS layouts, CSS positioning, CSS text, CSS border, CSS margin, CSS padding, CSS pseudo-elements, and CSS behaviours.**
- Actively involved in the project from the development of the data access layer, with relational mapping tool to the development of presentation layer with **JSPs**.
- **Use Case, Class, Sequence** diagrams and in the complete **development, testing, and maintenance** process of the application.
- Followed **Java & J2EE** design patterns and the coding guidelines to design and develop the application.
- Packaged and deployed the application in the **JBoss** Application server in different environments like Development, testing, etc.
- Used **Spring Boot** in building cloud **Micro Services** and developed **Spring-based** applications with very little configuration.
- Used **HTTP Client** Module to send **HTTP requests** (GET, PUT, POST, and DELETE) to the backend.
- Created **Stored Procedures, SQL Statements, and triggers** for the effective retrieval and storage of data in the database.
- Worked on **Amazon Web Services** such as **S3** (For front-end deployment and image storage) and **Elastic Beanstalk** (For server deployment).
- Worked on various **GitHub** commands and successfully pushed the code into the local repository.
- Deployed web components, presentation components, and business components in **WebLogic Application Server**.

Environment: Java, J2EE, Spring Boot, XML, Rest APIs, SQL, HTML, CSS, JavaScript, JBoss, JSP, AWS, GITHUB, WebLogic Application Server.

Client: Muthoot Finance (Chennai, India)

September 2017 – June 2019

Role: Jr. Java Developer Responsibilities:

- Responsible for system analysis, design, and development in **JEE** using **MVC-based** architecture.
- A responsive grid layout was designed for the User Interface using **HTML5, CSS3, and XML**. **Bootstrap** and **HTML5** were used to implement a responsive design template to get a new interface.
- Develop user-defined tags using **XML**.

- Used **CSS** for describing the presentation of Web pages, including colours, layout, and fonts. Validations for the client were done using **JavaScript**.
- Packaged and deployed the application in the **JBoss** Application server in different environments like Development, testing, etc.
- Designed and created **MySQL** database tables to normalize the existing tables and created stored procedures to interact with the database.
- Used **JDBC** to interact with the **MySQL** database for storage and retrieval of information.
- Involved in all test cases using the framework **Junit** and fixed any bugs or issues identified during the testing period.
- Planned, designed, developed, programmed, deployed, and tested the system.
- Created user-friendly GUI interface and Web pages using **HTML**, **CSS**, **jQuery**, and **JavaScript**.
- Performed client-side validation using **JavaScript**.
- Wrote **SQL** queries, stored procedures, and modifications to existing database structure for additional features Controller **Servlets**, Action, and Form objects for the process of interacting with **Oracle** database and retrieving dynamic data.
- Involved in the design of tables in **Oracle** to store the pay information.
- Used **JDBC** to interact with the **Oracle** database for storage and retrieval of information.
- Developed applications on **Windows**, **UNIX**, **Linux**, and **Mac** platforms and deployed them on the **Apache Tomcat**

Server

- **Environment:** JEE, MVC, Typescript, HTML5, XML, CSS3, Bootstrap, JavaScript, JBoss, MySQL, JUnit, JSP, HTML, CSS, jQuery, JavaScript, Spring, MVC, JSON, Tomcat server, Testing.