**Naveen**

Java Full Stack Developer

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**PROFESSIONAL SUMMARY:**

* Around **7+ years** of professional IT experience with full project **Software Development Life Cycle (SDLC**) using Java 11 - J2EE Technologies by analyzing requirements, designing, developing, testing and deploying software solutions, and maintaining client/server applications and experience supporting mobile application development
* Analyze, design and development of J2EE business, Web-based and, n-tier applications using the following core technologies – **Angular**, **Java, Servlets, JSP, JSTL, and XML**
* Experience in developing web based J2EE applications using **Spring** framework
* Experience in developing and implementing batch processing solutions using **Spring Batch** framework
* Strong understanding of **Spring batch** processing concepts, including **chunk-oriented processing**, **parallel** **processing**, **restartability**, and **fault tolerance**
* Good experience in React for creating interactive UIs using One-way data flow, Virtual DOM, JSX
* Strong understanding of **Spring batch** processing concepts and their importance in data-intensive applications
* Strong understanding of **Spring Boot** framework, including dependency injection, **MVC** architecture
* Experience with Spring Boot **RESTful API** development, **request handling**, **data binding**, and **error handling**
* Experience in designing and documenting **RESTful APIs** using **Swager**
* Familiar with creating Custom Reusable **React** Components Library
* Proficient in **Oracle SQL**, including **SQL** Server Management Studio for database administration
* Proficient in using Swagger tools for API documentation, testing, and visualization along with strong understanding of Swagger specification and API design best practices
* Real time experience with **Service Oriented Architecture** (**SOA**)
* Strong understanding of **OAuth** (Open Authorization), a widely used **authentication** and **authorization** framework for secure API (Application Programming Interface) **authentication** and **authorization**
* Worked extensively on building **Rapid Development Framework** using Core **Java**
* Extensive experience and actively involved in requirement gathering, analyzing, designing, reviewing, coding, unit and integration testing
* Strong experience in designing, developing, and implementing **Apache** **Kafka**-based distributed streaming platforms for real-time data processing and event-driven architectures
* Proficient in UI design. Developed frontend using **JSP**, **HTML5**, **CSS3**, **JavaScript**, **Ajax**, **jQuery**
* Proficient in developing web services (**Soap**, **Restful**) that include several components like **SOAP**, WSDL, **XML**, XSD, Axis2, JAX-RS and JAX-WS
* Exposure to Continuous Integration & Continuous Delivery (**CICD**) practices, with the help of **AWS**
* Designed and developed multiple **J2EE** Model 2 **MVC** based web applications using J2EE technologies, patterns and popular open-source framework such as Spring MVC, Spring Boot, JPA and Hibernate
* Extensive & expert level of experience with Java 8 Platform, JEE, EJBs, JDBC, JPA, Servlets, JSP, JMS, XML, Applets, JavaScript, POJO
* Used Spring core annotations for **Dependency Injection** using **Spring DI** and **Spring MVC** for **REST APIs** and Spring Boot for **Micro-Services**
* Proficient in deploying, managing, and scaling applications on **OpenShift**, a popular containerization platform based on **Kubernetes**
* Experience in creating and managing **OpenShift** clusters, including installation, configuration, and monitoring of cluster components
* Experience in using **XML** based technologies and parsers **DOM**, **SAX**, **JAXP**, and **JAXB**
* Experience in database design, data modeling, developing stored procedures, functions and triggers using **SQL** to support ETL workflows
* Ability to work with cross-functional teams including business analysts, data scientists, and data engineers to gather requirements and deliver ETL solutions
* Experience working with relational DBs (**Microsoft** **SQL**, **Oracle**), and **NoSQL** databases (**DynamoDB**)
* Strong experience with development and migrations from SQL relational databases to NoSQL databases like **MongoDB**, **Apache** **Cassandra** and **Couch DB**
* Familiarity with Spring Boot testing frameworks, such as **JUnit** and **Mockito**, for **unit** and **integration** **testing**.
* Experience in writing tests in Java environment using **JUnit, Mockito** and **Power Mockito**
* Proficient in Maven, for managing software projects, building, testing, and packaging Java applications, and managing project dependencies
* Well versed with core Java concepts like **Collections**, **Multithreading**, **Serialization**, **Java Beans**
* Experience with mobile development frameworks such as **React** **Native**
* Experience analyzing, developing, and testing scalable cloud-based applications using **Java**, **Python**, **Spring**
* Experience deploying and running secure Java (**JVM**) applications on Amazon Web Services (**AWS**), and used **Jest** **frame** work, **Dynamo DB**, **SQS**, **Lambda**, **Aurora**, **Cloud** **Watch**, **Terraform** and **SNS** for my projects
* Performed unit testing of **Java/J2EE** application with test Driven and behavioral Driven development methodologies (TDD and BDD), using **JUnit/Jest** frameworks
* Have functional and integration testing, using Spring testing framework
* Developed and tested applications using coordinated development environments (IDE) with the help of IDE tools such as IntelliJ, and Eclipse

**TECHNICAL SKILLS:**

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| --- | --- |
| Programming Language | Java 8, 11; C, C#, C++, TypeScript, SQL |
| Messaging | RabbitMQ, Apache Kafka |
| Java Technologies | J2EE, JEE, Spring, Servlets, JSP, EJB, JDBC, JMS, JNDI |
| Operating system | OSX, Windows, Unix |
| Frameworks | Spring MVC, Spring Boot, React, J2EE, ASP.NET, jQuery, Hibernate/JPA, JSF, Prime Faces, Angular, Quarkus |
| Web Technologies | Java Script, HTML, Web services (SOAP, REST), jQuery, Postman, JDBC, Servlets, JSP, JSTL, JNDI, XML, AWS, CSS, AJAX, JSON, REST, SOAP, Prime Faces |
| RDBMS | Microsoft SQL (MS SQL), Oracle 11g/10g/9i/8i/7.x, DB2, MySQLServer, MySql, PostgresSQL, SQL |
| Security | Oauth |
| IDE Tools | IntelliJ, Eclipse, Velocity Studio, Visual Studio Code, Visual Studio, Atom, Sublime |
| Software Configuration Management Tools | SVN, Git, CVS, VSS, Clear Case, WebLogic, Bitbucket, Docker, GitHub, Kubernetes, OpenShift, Jira, IBM WebSphere |
| Automation Tools | Maven – Spotless, Snyk, JaCoco |
| Scripting languages | JavaScript, Perl, Shell, Python |
| Methodologies | Agile (SCRUM), Waterfall |
| Debugging, Analysis | Mockito, Power Mockito, Junit, Splunk |

**PROFESSIONAL EXPERIENCE:**

**Client: Amazon, San Diego, California**

**Java Full Stack Developer** **Feb 2022 – Mar 2023**

**Responsibilities:**

* Responsible for Design, build, test and maintain scalable and stable off the shelf applications or custom-built technology solutions to meet business needs
* Designed and developed User Interfaces using **React**, **HTML**, **JSP**, **JavaScript**, **XML**, **Ajax** and **jQuery**
* Mainly involved in development and maintenance of the websites and mobile applications using **Python**, **HTML5**, **CSS**, **AJAX**, **jQuery**, **DOJO**, **JavaScript**,and **React** with **TypeScript**
* Working on creating a distributed network by hosting the application on **AWS cloud**, **Amazon** **(ECS**, **EC2**, **ECR**, **Lambda**, **VPC**, and **S3)** servers
* Responsible for creating efficient design and developing User Interaction screens using HTML5, CSS3, JavaScript, **React**.**js**, **Redux,** and Bootstrap
* Created reusable and testable **React.js** functional and class components using es6
* Designed and implemented server-side RESTful web services using **Node JS** and handled communications to the client side **(React JS)** using JSON
* Strong experience in configuring and customizing Maven build lifecycle, plugins, profiles, and properties for building, testing, and deploying Java applications, following best practices for software development’s continuous integration and continuous deployment (**CICD**)
* Experience in designing and implementing database solutions using **Oracle** / **Microsoft SQL Server**, including database modeling, normalization, indexing, and stored procedures
* Strong understanding of **Oracle**/**MS SQL** Server features like triggers, views, functions, and security
* Hands-on experience in writing complex **SQL** queries, stored procedures, and functions to extract, manipulate, and analyze data
* Created and configured Micro-Services architecture and integrated with **ReactJS** application
* Implemented MVC architecture with **React** components as Views, models, and controllers in node.js for API development
* Developed single page applications using **Typescript**, **React, HTML5**, **CSS3**, and **Bootstrap**
* Implemented JAVA batch to update the customer information to downstream systems
* Worked on Web services using Java 11 API for XML, JSON Services (JAX-RS) and worked on the building, and deploying RESTful Web services
* Setup **MQ** and message broker for sub environments
* Setup APIs for the applications to talk to **MQ** which makes interactions between microservices easier
* Developed a **RESTful** web service using Java and **Spring Boot** that provides real-time data for a web application
* Experience in implementing **OAuth**-based authentication and authorization flows, including **OAuth 2.0** and **OAuth 1.0a**, for enabling secure access to web services, APIs, and resources
* Knowledge of **OAuth** security best practices, including handling access tokens securely, managing refresh tokens, securing redirect URIs, and protecting against token leakage, replay attacks, and other security risks
* Integrated **Spring Batch** with different data sources, such as databases and flat files
* Developed sequential and conditional batch jobs using **Spring batch** framework
* Developed a microservices-based application using **Spring Boot**, utilizing Spring Boot starters for easy integration of various components such as **Spring Data**, **Spring Security**, and **Spring Cloud**
* Configured and written backend Java **APIs** with the help of Spring Boot and connected those end points to the react frontend to fetch data from the **database** instances created using **Java Persistence APIs**
* Understanding of **Docker** ecosystem and integration with other containerization technologies, such as **Kubernetes**, for managing containerized applications at scale
* Proficient in **SQL** (Structured Query Language) for managing relational databases, designing database schemas, creating tables, and defining relationships between tables
* Responsible for Development of **Hibernate** objects for data fetching for **Java batch** and front-end processing
* Involved in writing **Java** **API** for **Amazon Lambda** to manage some of the **AWS services**
* Worked in the Web services environment developing service methods
* Implemented the **Factory**, **Abstract factory**, **MVC** and **Singleton** design patterns
* Involved in designing Sequence and Class diagrams
* Developed and executed unit and integration tests using **JUnit** and **Mockito** to ensure the quality and reliability of a user data processing application built with Spring Boot

**Environment:** JDK 1.7, Core Java, J2EE, JSP, AJAX, Angular, RESTful Web services, Typescript, AWS, JSON, MVC, XML, Apache, Spring Boot, cloud, AngularJS 4/6/7, Spring, Hibernate, JavaScript, Ansible, HTML, TIBCO, Linux, CSS, jQuery, GUI, EJB, JUnit, SQL, Jenkins, Rally, Eclipse, GIT, Maven, Rally, Oracle, Splunk, Prime Faces

**Client: Information Technology, University of Cincinnati, Ohio**

**Role: Java /Full stack Developer** **Feb 2021 - Feb 2022**

**Responsibilities:**

* Involved in creating web applications utilizing Quarkus, Spring, Restful web services, used **HTML5, CSS3, JavaScript, JSP, JQUERY, React, TypeScript, AJAX and Bootstrap**
* Implemented authentication and authorization using **Spring Security** and **OAuth** in a sensitive application to ensure secure access to sensitive data and transactions
* Configured and customized **Spring Batch** components such as **Job, Step, ItemReader, ItemWriter, and ItemProcessor** to handle large-scale data processing
* Involved in analysis and design phases of **Software Development Life Cycle (SDLC)** and developed the functionalities using **Agile** and **Scrum** methodology
* Experience in using **Bitbucket** as a version control system for collaborative software development
* Proficient in creating and managing repositories, branches, and commits in **Bitbucket**
* Familiarity with **Git** commands and workflows, including merging, rebasing, and resolving conflicts in Bitbucket
* Ability to work with Bitbucket integrations, such as **Jira**, and **Confluence**, to streamline development workflows and improve team collaboration
* Strong understanding of **Bitbucket** security best practices, such as branch permissions, access controls, and code reviews, to ensure code quality and data integrity
* Experience in troubleshooting and resolving issues related to Bitbucket, such as repository syncing, authentication, and performance
* Used JSX in the **React** components for cleaner HTML-like structure inside JavaScript
* Familiarity with database backup and recovery strategies, database security, and data replication using **Oracle** and **MS SQL** Server features and best practices
* Experience in working with database version control tools, such as **Git** or **TFS**, for managing **database** changes and deployments
* Implemented client-side Interface using **React JS**
* Use of chrome-dev-tools, **react**-dev-tools and redux-dev-tools for debugging
* Setup MQ clustering for high availability and administration purposes
* Setup hardware **clustering** for **MQ** servers
* Used **Microservices** architecture with **Spring Boo**t, **Apache** **Kafka** message broker, and deployed to **AWS** cloud
* Used Java 8 Method References feature to point to methods by their names and used functional Interfaces
* Executed **Java EE** components using **Spring MVC**, **Spring IOC**, **Spring transactions** and **Spring security** modules
* Used **Quarkus**, and Spring Core Annotations for **Dependency Injection** and Spring Boot for **microservices**
* Used Java 8 features like **Lambda expressions**, creating **resource classes**, fetching documents from database
* Implemented Spring Boot microservices to perform modular functionality as per **micro services architecture**
* Designed and implemented scalable, **RESTful** and Microservices-based backend. The backend is being written in **Java** using **Spring Boot** for **simplicity** and **scalability**
* Worked on Implementation of the **Business logic layer** for **Mongo DB** Services
* Designed and developed **Jenkins** plugin as an end-to-end testing tool to increase development
* Configured **Jenkins** in **microservices** apps for deploying and implemented Jenkins for the central build
* Deployed Spring Boot based micro services to **Docker** containers using **Amazon EC2** container services
* Used **AWS** to deploy the project on **EC2** instance
* Utilized **AWS Lambda** platform to upload data into **AWS S3** buckets to trigger other **Lambda** functions (**EC2**, **MongoDB**) to focus on high-availability, fault tolerance, and auto-scaling
* Responsible for Continuous Integration (**CI**) and Continuous Delivery (**CD**) process implementation for database using tools like Jenkins
* Used **Maven** for project dependency management and **Log4j** for logging
* Used **GitHub** for version control; configured **Maven** for dependencies

**Environment:** Java 1.8, AJAX, Maven, JavaScript, AWS, Spring Boot, JMS, HTML5, CSS3, Log4J, JSP, Jenkins, XML, Spring REST, SQL, J2EE, Microservices, Web Services, Hibernate, Bootstrap, GitHub, NodeJS, JBOSS, Spring Security, Oracle 11g, IBM WebSphere, JUnit, jQuery, Angular JS/6/8, REST, Agile

**Client: Accenture, Hyderabad, India**

**Java/J2EE Full Stack Developer** **Dec 2017 - Dec 2020**

**Responsibilities:**

* Involved in gathering business requirements, project analysis and implementation
* Designed and developed user interfaces using **JSP**, **HTML**, **CSS** and **JavaScript**
* Worked in using **React JS** components, Forms, Events, Keys, Router, Animations, and Flux concept
* Designed and developed Use and Transport System screens using **JSF** components
* Defined and constructed layers, server-side objects and client-side interfaces based on **J2EE** design patterns
* Developed an application with the help of **Spring**, and **J2EE based MVC** (Model-View-Controller)
* Designed and developed **SOAP** services using SOAP Nodes in IIB
* Developed Web Services using **XML** messages that use **SOAP**
* Worked with **Quarkus**, **Spring Framework** for **Dependency Injection**, **Spring Context** to provide message sources
* Developed **Spring** Configuration file to define **data source**, **beans** and **Hibernate** properties
* Involved in complete end-to-end analysis and design of the application
* Analyzed application code to find out how it affects a user if the data received from upstream systems changes
* Troubleshot and resolved **Oracle** database-related issues, performed data analysis, and provided database support to application developers and end users
* Have a strong documentation and communication skills, including creating technical documentation, database diagrams, and data flow diagrams
* Completed server setup for new companies and deployed the code
* Used **CVS** for version control of the product
* Developed a **frontend** using **React** framework which shows salary cards of employees
* Used **JSP** to create the front-end screens for the module
* Involved in writing **Business Objects**, **Service APIs**, **Data maps**, and **Entity classes** to corresponding existing business classes
* Used Junit to do unit testing

**Environment**: Java, Spring, JSF My Faces, Prime Faces MVC, XML, SOAP, Hibernate, HTML, CSS

**Client: Tata Consultancy Services, Hyderabad, India**

**Java/J2EE Full Stack Developer** **Jun 2016 - Oct 2017**

**Responsibilities:**

* Participated in low level design and requirement understanding with functional team to create our application based on **React** frontend integrated with backend built in Java
* Developed a web application using **React** as front-end using Web API to receive and pass data to backend
* Used **React** as a framework to create a **responsive** web application
* Good knowledge in **directives**, **modules**, **decorators**, **components**, **services**, and **dependency** **injection** in **Angular**
* Used **OOAD** and **OOP’s** concept like **Abstraction**, **Polymorphism**, **Inheritance**, **Encapsulation** in **Java**
* Extensively used **Java** **Collections** and **Reflection** **API**
* Implemented **multithreading** concepts for **caching** application data
* Developed screens using **JSP, DHTML, CSS, AJAX, JavaScript, Spring,** and **XML**
* Implemented **MVC** architecture using Spring framework combined with JPA for database persistence
* Used **Spring** **Dependency** Injection feature and configured Function Action classes and Spring Beans for redirecting the user request to the appropriate class, which implements corresponding business functionality
* Used **Oracle SQL** to perform complex database operations and generated various stored procedures, functions for DML operations
* Involved in various internal releases of the application and supported the application modules during testing and pre-production phases
* Involved in integration testing of modules in various testing environments
* Developed **Junit** test cases

**Environment**: Java, Angular, JSP, CSS, AJAX, JavaScript, spring, Struts, XML etc.

**INTERNSHIP**

**Client: Indian Institute of Technology and Management (IIT), Kharagpur, India**

**Software Engineer** **Jun 2012 - Oct 2020**

**Responsibilities:**

* Developed and maintained web applications using **Java, Spring MVC,** and **Hibernate**, resulting in improved performance and user experience
* Collaborated with cross-functional teams, including product managers and **UI/UX** designers, to gather requirements and deliver high-quality software solutions within project timelines
* Implemented software design patterns, such as **MVC** and **Singleton**, to improve code **maintainability** and **scalability**
* Participated in code reviews and provided constructive feedback to peers, resulting in improved code quality and adherence to **coding** standards
* Assisted in troubleshooting and resolving software defects, identifying root causes and implementing solutions to ensure smooth software functionality
* Contributed to the development of automated testing **scripts** using **JUnit** and **Mockito**, resulting in improved code coverage and reduced software defects
* Demonstrated strong problem-solving skills by identifying and resolving complex technical issues in a timely manner, contributing to the successful completion of critical project milestones
* Continuously updated technical knowledge by staying abreast of the latest software development trends, attending industry conferences, and completing online courses to enhance skill set
* Completed personal projects, such as building a responsive web application or developing a mobile app, showcasing proficiency in relevant technologies and demonstrating a passion for software development

**EDUCATION**

**University of Cincinnati, Ohio**  **Jan 2021 – Apr 2022**Masters in Computer Science  **3.83**
Courses: Algorithms, Cloud computing, Large Scale Software Systems, Software Architecture, Database Theory

**GITAM University, Vizag, India Jun 2012 – Apr 2016**
Bachelors of Technology in Electronics and Communications Engineering **7.92**
Courses: Computer Architecture, Microcontrollers, Java