

Navya Bhavana

Full Stack Developer

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With 3 years of experience in analysis, design, and development of distributed object applications and multi-tier enterprise systems, I specialize in Java/J2EE, React JS, and full-stack Java development. I am proficient in the entire SDLC, with strong skills in web technologies such as HTML5, JavaScript, CSS3, Angular JS, and React JS. Expertise includes working with Spring Boot, AWS Cloud, and databases like Oracle and MySQL. I've also implemented frameworks such as Hibernate and Spring, along with knowledge of design patterns, testing frameworks, and API management using APIGEE.

TECHNICAL SKILLS

Programming Languages: Java, C++, Python, SQL and PL/SQL.

Java Technologies: JSE, JDBC, JPA, JSF, AJAX, JSP, Servlets, EJB, JMS, JSTL, JNDI.

Web Technologies: HTML5, CSS3, JavaScript, AngularJS, Angular 2.0/4.0, Angular 6/7/8, Node.js, React JS, Bootstrap, XML, XSD, XSL/XSLT, AJAX, jQuery, JSON, Typescript.

Webservices: REST, JAX-RS, SOAP, JAX - WS, WSDL, SAAJ, SAXJ, Microservices, JAXB, CXF.

Application Servers/Web Servers: WebLogic, Web Sphere, JBoss, Apache Tomcat, Oracle.

Applications Frameworks and modules: Struts, JSF, Spring Framework, Spring MVC, Spring Boot, Spring Cloud, Spring, Batch, Spring Core, Spring Hibernate, Spring JDBC, Spring Security.

Databases: Oracle, MySQL, SQL Server, MongoDB, Cassandra DB, Couch DB, Postgres DB.

IDEs: NetBeans, Eclipse, IntelliJ, RAD.

Version Control Systems: CVS, SVN, Bamboo, GIT.

Tools Viewer: JUnit, Log4J, DOM.

Professional Experience

PointClickCare, Toronto, ON
Java Full Stack Developer

June 2023 — Present

- Utilized Angular Directives, filters, declarative templates, and service providers for efficient context-aware communication.
- Re-architected and rebuilt the existing application with Java 11, Spring Boot, Web Flux (Spring Reactive Stack), GCP, PostgreSQL, and Maven.
- Collaborated with business users and product owners to discuss project progress, gather feedback, and implement improvements.
- Enhanced code coverage from 75% to 95% across modules using Mockito.
- Leveraged Node.js as a server-side proxy for an event-driven, non-blocking I/O model to improve application efficiency.
- Developed helper classes using Core Java, multi-threading, Collections, and algorithms for optimized functionality.
- Built reusable forms with validations in React and Redux architecture while writing minimal code.
- Optimized session-level data structure clean-up across open tabs during data flushes or commits.
- Implemented asynchronous messaging services in a microservices architecture using Kafka.
- Developed client-side validations with JavaScript and GUI elements with CSS, JSTL, and XSL.
- Employed Webpack and Babel for module bundling and JavaScript compilation in the React ecosystem.

- Created a CRUD back-end using Spring Boot to support the React-based front-end application.

Cognizant, Chennai, IN
Java Full Stack Developer

January 2021 — November 2021

- Developed an automation framework using Groovy scripts to validate RESTful Web Services.
- Designed responsive, cross-browser compatible pages using HTML5, CSS3, jQuery, Vue.js, and Laravel.
- Implemented backend functionality using core Java, focusing on data structures and algorithms.
- Built a single-page application (SPA) with React JS and Redux for an enhanced user experience.
- Utilized various host system events and alerts to populate the Cassandra database.
- Leveraged Java 1.8 features like Lambda Expressions and Stream API to optimize performance and manage AWS services.
- Integrated Swagger UI with Spring framework for API visualization and documentation.
- Applied Java 8 Method References and functional interfaces for efficient code execution.
- Developed REST APIs using Scala and Play framework to fetch data from Cassandra.
- Generated reports in Looker using Snowflake connections for data analysis.
- Installed and configured Oracle Fusion Middleware Stack versions 11g and 12c.
- Created listeners for producers and consumers in RabbitMQ and Kafka for messaging systems.

TCS, Mumbai, IN
Full Stack Java Developer

July 2020 — December 2020

- Participated in all phases of the Software Development Life Cycle (SDLC), including analysis, design, implementation, and testing, using the agile SCRUM methodology.
- Focused on Core Java development, supporting Java/J2EE applications with a strong emphasis on OOP principles for web forms, business logic, and database access components.
- Developed and deployed a Spring Boot application with Microservices architecture on AWS using EC2 instances.
- Integrated Kafka for asynchronous messaging in the Microservices-based application.
- Processed JSON requests based on various modules, actions, and request data types.
- Utilized the Spring framework to promote loose coupling between layers, moving towards a Service Oriented Architecture (SOA) with RESTful services.
- Conducted a proof of concept (POC) to publish data in a web-based dashboard (D3.js) by making REST API calls for data integration.
- Worked on Cassandra data modeling and provided administration support for the Cassandra database.
- Employed Docker containers to minimize friction between development and operations teams.
- Developed a custom drag-and-drop tree view for transferring and organizing HL7 data using Angular, HTML, and Vue.js.
- Auto-generated Swagger UI documentation for RESTful web services.

Education

Bachelor's Degree In Computer Science and Engineering
Vignan Foundation for science technology and research, India