Sudha Rani

Full Stack Developer

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Professional Summary

Experienced Java Developer with 2+ years of hands-on expertise in web-based application development, utilizing a diverse tech stack including **Java**, **Spring, Spring Boot, Camunda, REST Services, and Angular**. Proficient in BPMN integration, workflow modeling, and troubleshooting for production environments. Skilled in implementing business logic and process transitions through Java application development, with a strong foundation in Object-Oriented Programming concepts and has successfully created normalized CRUD backends, integrating REST APIs with MySQL.

Proven track record in designing and developing robust and efficient web-based applications, both on the frontend and backend using Spring Boot with JPA, Bootstrap, JavaScript, HTML 5, AG Grid, and Angular Material. Proficient with industry-standard tech tools like Eclipse, Visual Studio, git base, Spring STS, SQL Developer, DBeaver, Camunda Modeler, postman and experienced in generating Jasper reports. Well-versed in software development processes and methodologies, with a robust understanding of GIT and Bitbucket for version control.

Adept at working with multiple databases, including Oracle, PostgreSQL, and MySQL, leveraging Hibernate for efficient database communication and mapping. Quick learner with a knack for adapting to emerging technologies. Effective team player and capable of working independently. Stayed up-to-date with industry trends and technologies to improve software development practices.

Skills

- ◇ **Versioning Tools** - Git, Bitbucket.
- ◇ **Operating System** – Windows.
- ◇ **Languages** - Java, Sprint Boot, SQL, Pl/SQL, Angular, React JS.
- ◇ **IDEs** - Eclipse, VS Code, Tibco Jasper Soft.
- ◇ **Database** - Oracle, PostgreSQL and MySQL.
- ◇ **Web Server** - Apache Tomcat.
- ◇ **Tools** – Camunda Modeler, Postman.
- ◇ **Build Tool** – Maven.
- ◇ **Project Management Tool** – JIRA.

Education Summary

I pursued my Master of Technology (**M.Tech**) in Computer Science and Engineering (**C.S.E**) at Jawaharlal Nehru Technological University , Hyderabad. During my academic journey, I maintained an impressive academic record , achieving a GPA of **8.2** out of 10 in the grading system.

Professional Experience

Currently Working as a Full Stack Developer in **Vrnda Software Technologies Pvt Ltd,** Hyderabad from September 2021 to Till Date.

Work History

Project #1: Camunda Integrated Workflow Management System (product)

Designation: Software Engineer.

Technologies: Java, Spring Boot with JPA, HTML 5.0, Angular 15, Restful Web Services, Apache Tomcat 8.5, Oracle, Camunda BPM Platform.

Project Description: The project harnesses the power of Java, Spring Boot, Angular, and other state-of-the-rt technologies. This ensures a scalable, robust, and user-friendly interface for managing workflows. The system boasts a modern and intuitive user interface built with HTML 5.0, and Angular 15. This ensures a seamless and interactive experience for users interacting with workflows. Spring Boot with JPA is utilized for the back-end development, providing a solid foundation for data management and business logic implementation.

Roles and Responsibilities:

- ✓ Development of the solution as per the idea provided by the core team.
- ✓ Integration of Camunda modeler BPMN Tool.
- ✓ Implemented Angular Core components.
- ✓ Involved in Design and implementing Base project.
- ✓ Troubleshooted and resolved complex software issues, identifying root causes and proposing innovative solutions
- ✓ Led code reviews, ensuring adherence to coding standards .
- ✓ Any issues identified during testing are promptly addressed, guaranteeing a robust and reliable Camunda Integrated Workflow Management System.

Project #2: Human Resource Management System (Product)

Designation: Software Engineer

Technologies: Java, Camunda, Spring Boot with JPA, Restful web services, Angular15, Oracle, Apache Tomcat 9.

Project Description: Human Resource Management System (HRMS) is a comprehensive software solution designed to streamline and automate HR processes within organization. With features for employee data management, payroll, attendance tracking, Task Allocations and performance evaluation, our HRMS simplifies HR tasks, improves data accuracy, and enhances workforce management, ultimately fostering a more efficient and productive workplace.

Roles and Responsibilities:

- ✓ Development of the solution as per the design documents provided by the Solution design team.
- ✓ Developing the Java APIs and integration with Front-end.
- ✓ Implemented Camunda BPMN Process.

- ✓ Resolve the issues identified during testing.
- ✓ Implemented complex logic to maintain data coming from multiple screens.

Project #3: **Elite - Syscon Justice System (Migration and Development)**

Designation: Software Engineer

Client: Syscon

Technologies: Java, Camunda, Spring MVC, Spring Boot, Spring JDBC, Angular11, Oracle, PostgreSQL, Jasper Reports.

Project Description: Syscon Justice System is an Offender Management System By using this application we can create an offender, for that offender we can give the admission and bed allocation. We can allocate the location for offender and transfer from one agency to another agency and also, we can provide legal orders for petitions.

Roles and Responsibilities:

- ✓ Development of the solution as per the design documents provided by the Solution design team. using Angular technology with custom components
- ✓ Involved in development business logic and implemented using Java
- ✓ Implemented Camunda BPMN Process.
- ✓ Executed Stored Procedures and functions by using Spring JDBC.
- ✓ Involved in client-side validations and calls.
- ✓ Involved in knowing the domain knowledge with client and coordinating with team
- ✓ Resolve the issues identified during testing.
- ✓ Modernization of existing Legacy systems to new application with Latest technologies using Java and Angular.
- ✓ Designing and developing the Jasper Reports.
- ✓ Working on Vrnda migration tools to Automate the migration.
- ✓ Enhance the code generated by Migration Tool

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge and belief.