HARSHA VARDHAN

Full Stack Developer

CONTACT

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EDUCATION

Bachelor of Technology
SRKR Engineering College
(Andhra University 2016 – 2020)

TECHNICAL SKILLS

- Java 8+
- HTML, CSS, JavaScript
- Type Script
- Angular, Boot Strap
- Spring Boot, Microservices
- MySQL
- GitHub
- AWS Cloud (Ec2)
- REST APIs, REST API's Development

Full-stack developer with over 3.5 years of experience specializing in creating Microservices based applications using Angular, Spring Boot, and MySQL. Skilled in translating business needs into efficient technical solutions, delivering top-notch software, and optimizing system performance.

PROFESSIONAL EXPERIENCE

Full Stack Developer   SP Technophiles
January 2021 – present   Hyderabad, India

- Over 3.5 years of comprehensive experience spanning both front-end and back-end technologies.
- Proficient in utilizing Java, Angular, and MySQL as primary skills.
- Good understanding of Routing, hooks, custom fields, and reusable components in Angular.
- Implemented dynamic field rendering in Angular using reactive forms and Angular components.
- Utilized MySQL Workbench for data storage and management, ensuring efficient data handling within the application.
- Implemented backend solutions with JAVA Spring Boot, utilizing RESTful architecture for API development.
- Implemented AWS EC2 for robust testing environments.
- Implemented version control through GitHub, enhancing code management and collaboration among team members.
- Facilitated smooth communication and project management with Slack.
- Collaborated with team members to fix bugs and improve features.
- Documented processes and guidelines for future reference.

PROJECTS

Name: AMS - Activity Management System

Environment: Angular, HTML, CSS, JS, Type Script, Java, Spring Boot, Spring MVC, Spring Data JPA, MySQL, RESTful APIs.

Role: Full Stack Developer

Project Description:

Contributed to the development of a comprehensive web application utilizing Angular for the frontend and Java Spring Boot for the backend. The project aimed to enhance operational efficiency by establishing a centralized platform for tracking and managing employee activities, tasks, and attendance.

Roles and Responsibilities:

- Worked with HTML, CSS, Typescript and Angular to design the UI for the application according to requirement.
- Used Bootstrap to design the UI of the web application.
- Used Reactive forms in angular to handle user inputs.
- Used Angular's HTTP client module to communicate between frontend and backend.
- Worked with Spring MVC to handle HTTP requests and responses from frontend.
- Implemented backend functionalities using Java Spring Boot.
- Developed RESTful APIs using Java Spring Boot to establish communication between the frontend and backend systems.
- Designed database schema and tables using MySQL.
- Implemented data access logic using Spring JPA to interact with the MySQL database.
- Ensured code quality and maintainability through code reviews, and continuous integration processes.
- Collaborated with the team to troubleshoot and resolve technical issues, ensuring smooth project delivery.
- This project provided hands-on experience in full stack development, utilizing modern technologies to create a robust and scalable web application for optimizing employee management processes.

Name: Educational Website
Environment: Java, Spring Boot, Spring MVC, Spring Data JPA, MySQL, RESTful APIs
Role: Software Developer

Project Description:

Contributed to the backend development of an interactive educational website, where students can log in, subscribe, and access tech content. Collaborated closely with the frontend team, which utilized Angular for frontend development, while focusing on the backend architecture using Java Spring Boot. The aim was to provide students with a seamless and user-friendly platform to enhance their learning experience.

Roles and Responsibilities:

- Collaborated with the frontend team to understand the requirements and design interfaces for seamless integration with the backend.
- Implemented backend functionalities using Java Spring Boot, focusing on user authentication, subscription management, and content delivery.
- Configured authentication providers, such database authentication, to validate user credentials.
- Developed login endpoints to handle user login requests and issue JSON Web Tokens (JWT) upon successful authentication.
- Ensured secure communication between the frontend and backend by using HTTPS protocol.
- Used RESTful endpoints to support subscription-related operations such as subscription creation, modification, and cancellation.
- Worked on data modelling and database management using Spring Data JPA and MySQL, ensuring efficient storage and retrieval of educational content.
- Ensured code quality and maintainability through unit testing, code reviews, and continuous integration processes, contributing to the overall reliability and stability of the platform.
- This project provided valuable experience in backend development, particularly in Java Spring Boot, and collaboration with frontend teams, enhancing skills in building scalable and robust web applications.

DECLARATION

I hereby affirm that, to the best of my knowledge, the information provided above is accurate.

Place: Hyderabad   **HARSHA**