



HARSHA VARDHAN

Full Stack Developer

CONTACT

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EDUCATION

Bachelor of Technology
Andhra University - 2020
SRKR Engineering College
Bhimavaram, Andhra Pradesh

TECHNICAL SKILLS

- Java 8+
- HTML, CSS, JavaScript
- TypeScript
- Angular, Bootstrap
- Spring Boot, Microservices
- MySQL
- GitHub
- AWS Cloud (EC2)
- REST APIs, REST API's Development



Full-stack developer with over 3+ 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
January 2021 – present

APLOTS SOFTWARE Pvt Ltd
Tanuku, Andhra Pradesh

- Leveraged Angular for the frontend and Java Spring Boot for the backend to develop a microservices-based web application.
- Implemented a centralized platform using MySQL for database management to track and manage employee activities, tasks, and attendance.
- Designed each microservice to focus on specific business functionalities.
- Employed AWS EC2 for creating virtual machines to conduct testing.
- Utilized GitHub for version control and collaborative development.
- Utilized Slack for communication during the development process to facilitate collaboration and efficient project management.
- Provided technical support and training to end-users to facilitate adoption and usage of the system.



TECHNICAL FOOTPRINTS

Experienced in crafting a Microservices Architecture with Angular and Spring Boot, proficient in using Git and Slack for version control and collaboration. This approach emphasizes modular frontend development with Angular and efficient backend microservices with Spring Boot. Database management is handled using MySQL, while Docker ensures easy deployment.

KEY SKILLS:

Frontend with Angular:

- Utilized Angular framework for developing the frontend components.
- Implemented modular architecture to ensure scalability and maintainability.
- Employed Angular services for handling communication with backend microservices.
- Implemented responsive design for seamless user experience across devices.
- Utilized Angular Material for UI components and theming.

Backend with Spring Boot:

- Implemented backend microservices using Spring Boot framework.
- Designed each microservice to focus on specific business functionalities.
- Utilized Spring Data JPA for database interaction and Hibernate for ORM.
- Implemented RESTful APIs to enable communication between frontend and backend.
- Employed Spring Security for authentication and authorization.

Communication between Microservices:

Implemented communication between microservices using RESTful API calls.

Database Management:

- Utilized MySQL for database management, ensuring data integrity and reliability.
- Implemented database per microservice pattern to decouple data storage.

User Support & Training:

- Provided technical support and training to end-users to facilitate adoption and usage of the system.
- Documented user guides and manuals for the application.



PROJECTS

Name: AMS - Activity Management System

Client: Andhra Pradesh Government

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

Project Description:

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

Key Features:

- **Employee Live Tracking:** Implemented a real-time tracking feature allowing managers to monitor the live activities of employees. This feature enhances transparency and facilitates better resource allocation.
- **Employee Task Assignment:** Developed a task assignment module enabling managers to assign tasks to employees seamlessly. Tasks can be prioritized, assigned deadlines, and monitored for progress.
- **Employee Status Tracking Management:** Designed a robust status tracking mechanism empowering employees to update their task status. Managers can track task progress in real time, ensuring timely completion and accountability.
- **Employee Attendance Management:** Built an attendance management system to track employee attendance accurately.

Outcome:

The Employee Activity Tracking System revolutionized employee management processes, enabling organizations to streamline operations and improve productivity. The centralized platform enhanced communication, transparency, and accountability, leading to better decision-making and resource optimization.

DECLARATION

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

Place: Hyderabad

HARSHA