KAVYA KOLLAREDDY

Full Stack Developer

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PROFESSIONAL SUMMARY

Detail-oriented Full Stack Developer with practical experience in designing and developing scalable web applications. Proficient in Angular for frontend development and Spring Boot with MySQL for backend services. Strong understanding of RESTful API design, component-based UI architecture, and database integration. Eager to contribute to real-world projects and grow in a fast-paced development environment.

SKILLS

UI: Html5, CSS3

Frontend: Typescript, Angular, Bootstrap

Backend: Spring Boot, Java, Rest API's

Database: MySQL, Spring Data JPA

Tools: Git, Git Hub, VS Code, Postman

PROFESSIONAL EXPERIENCE

Full Stack Developer   02/2025 – Present
My3 IT Services Pvt. Ltd.   Hyderabad, India

- Developed and maintained web applications using **Angular** for the frontend and **Spring Boot** for backend services.
- Built and consumed **RESTful APIs** for seamless frontend-backend communication.
- Implemented **JWT-based authentication** and **role-based access control** to secure application endpoints.
- Utilized **Reactive Forms**, Angular routing, and component-based design to build dynamic, responsive UIs.
- Applied **Spring Data JPA** for ORM and connected applications to **MySQL** for persistent data storage.
- Practiced **code versioning with Git** and regularly pushed updates to GitHub for collaboration and backup.
- Followed **component reusability, modular design**, and clean coding practices for scalable development.
- Gained hands-on experience in **debugging** and working with real-time data rendering on the UI.
- Collaborated with a small team to gather requirements, estimate tasks, and deliver features within deadlines.

PROJECTS

Online Assessment System
Role : Full Stack Developer

Description :- This web-based examination platform conducts online assessments with objective and coding questions, ensuring a seamless test-taking experience. It enforces exam discipline via full-screen mode, navigation restrictions, and activity monitoring, auto-submitting on violations or timeouts. Students can navigate, review, skip, or submit questions, with actions tracked and detailed performance reports generated by topic, difficulty, and accuracy. Successful students receive dynamic digital certificates via Gmail.

Responsibilities:

- **Developed the Student Exam Module** using Angular standalone components, enabling smooth handling of MCQ, MSQ, and coding-based questions with dynamic rendering and conditional logic.
- **Worked with REST APIs** to fetch exam, question, result, and difficulty-level data, handling real-time updates and validations for dynamic question sets and result-based rendering.
- **Implemented Exam Violation Detection Logic**, auto-submitting the exam on user actions like tab switching, pressing Escape/F5, minimizing the window, or right-clicking — ensuring exam integrity.
- **Built Exam Timer & Attempt Logic** with RxJS and Angular lifecycle hooks, managing countdowns, session timeouts, and storing attempt metadata like status and duration in localStorage.
- **Created Post-Exam Reports with Charts** using Chart.js bar graphs to visualize subtopic performance categories (Best, Midlevel, Miserable), with detailed tooltips showing covered subtopics.
- **Contributed to PDF Certificate Generation** logic, including downloadable design, and dynamic data binding of user score and pass status through student's gmail.

EDUCATION

B.Tech : Information Technology Usharama College Of Engineering And Technology	2019 – 2023 Telaprollu, AndhraPradesh
Intermediate : MPC Narayana Junior College	2017 – 2019 Gudivada, AndhraPradesh
SSC Vidya Vikas High School	2016 – 2017 Gudivada, AndhraPradesh

DECLARATION

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

Kavya Kollareddy