PAVAN SAI BARUGALA

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Summary

Accomplished Full-Stack Software Developer with 2 years of experience delivering scalable, high-performance Java-based applications. Adept at building RESTful APIs using Spring Boot and dynamic UIs with Angular. Proven ability to manage complex projects, with a focus on security, microservices, and Agile methodologies. Demonstrated success in implementing critical features and enhancing system performance across multiple projects.

Professional Experience

Wipro

- Project Engineer
  - Excelled in an intensive 3-month full-stack web development program, mastering Spring and Spring Boot, culminating in an impressive 85% achievement score.
  - Cultivated expertise in leading web technologies, including Spring Boot and Angular, with a strong emphasis on microservices architecture.
  - Successfully completed advanced training in Azure cloud technologies and AI fundamentals, earning corresponding certifications.
  - Engineered multiple projects, integrating sophisticated features such as security protocols and microservices.
- Alight Solutions
  - Worked primarily with Angular in the front-end team, focusing on building and maintaining dynamic user interfaces.
  - Implemented and optimized new features, enhancing the performance and functionality of the application.
  - Collaborated closely with the team to integrate and test new functionalities, ensuring seamless user experiences.
  - Contributed to code reviews and quality assurance, promoting best practices and maintaining high standards of code quality.

Virtusa

- Intern
  - Completed a 3-month internship at Virtusa, gaining essential skills and practical knowledge as a software engineer.
  - Managed incidents in the ServiceNow portal by leading a team of five members, ensuring effective collaboration and resolution of issues.
  - Created and presented detailed presentations on assigned tasks, effectively communicating progress and solutions to mentors.

Technical Expertise

- Programming Languages: Java, Python, JavaScript, TypeScript
- Frontend Technologies: Angular, HTML, CSS, React
- Backend Frameworks: Spring Boot, Node.js, RESTful APIs, Microservices
- Databases: MySQL, MongoDB
- Tools & Platforms: GitHub, Docker, Azure

Projects

- Innovative Online Learning Platform
  - Engineered a robust learning platform using Spring Boot, Angular, and MySQL, featuring user authentication and course management.
  - Integrated Razorpay for seamless payment processing, streamlining course transactions.
  - Implemented role-based access control, ensuring secure and efficient permission management for users,

admins, and lecturers.

- Enhanced user engagement with interactive quizzes and progress tracking.
- Optimized the platform for a responsive design, ensuring a smooth experience on both desktop and mobile devices.

- Advanced Video Classification System
  - Deployed a deep learning model in the backend to significantly boost video classification accuracy and efficiency.
  - Created a dynamic web interface using Flask for intuitive user interaction with the system.
  - Leveraged MongoDB for scalable storage, managing extensive video content effectively.