Tejas Vaity

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Full Stack Developer with 3.5 years of experience in Java (backend) and Angular (frontend), building scalable web architectural applications with a focus on robust, intuitive and high performance solutions. Skilled in RESTful APIs, relational databases and Spring Boot for cloud platform implementations. Expertise in responsive UI design, performance optimization. Passionate about innovation, professional growth and solving complex problems through Agile Development methodologies. Proficient in data structures, algorithm and deadline-driven development projects.

Education

University of Michigan, MS in Computer and Information Science (GPA-3.76)	September 2024 to May 2026
University of Mumbai, BE in Electronics Engineering	July 2016 to October 2020

Experience

Associate System Analyst, NSEIT – Mumbai, India   February 2022 to July 2024

- Increased system performance by 20% by developing a real-time trading platform using Spring Boot and Angular.
- Design and develop a scalable web application with responsive user interface, improving user experience and system uptime by 10% while adhering to strict coding standards.
- Reduced system latency by 30%, optimizing real-time data processing using Apache Kafka and improved data retrieval speed by 25% with Redis caching.
- Streamlined system integration by leveraging Object-Oriented Programming, RESTful APIs and socket programming, followed by seamless deployment on production servers.
- Collaborated with cross-functional teams and business stakeholders to align technical solutions with business goals, ensuring timely delivery of high-quality software.
- Led a team of 5 developers in project development, implementation, and deployment, managing planning, coordination, and execution for successful delivery.
- Conducted regular code reviews to optimize performance, maintainability, and uphold clean code standards.

Software Frontend Developer Intern, Faclon Labs – Mumbai, India   October 2021 to February 2022

- Enhanced UI with Angular Material, improving tables and graphs for intuitive data visualization.
- Resolved 95% of system issues within 24 hours, boosting system reliability and client satisfaction while refining web services performance.
- Boosted code efficiency by 20% using design patterns and modern development tools.

Project Engineer, Wipro Limited – Mumbai, India   March 2021 to September 2021

- Analyzed system requirements to create test cases and documented defects found during the software development process, focusing on quality assurance for a banking application.
- Provided team support alongside testing to maximize software reliability and performance.

Technologies

Programming Languages: Java, C, Python, JavaScript, TypeScript, HTML, CSS, Python, Shell Scripting
Frameworks/Libraries: Angular, React, Spring Boot, Spring Security, Spring JPA, Spring MVC, Spring Cloud
Databases: SQL Server, Oracle, MySql, Postgres, Redis, MongoDB
Tools: Apache Kafka, Tomcat, Jenkins, Microsoft Office Suite, AWS, Android Studio, Docker, Jenkins
Operating System: Linux, Windows
Version Control: SVN, Git
IDE: Eclipse, Visual Studio code

Projects

Penny Buddy - Developed user-facing dashboards for real-time financial data visualization using responsive design pattern principles. (Nest.js, Plaid)
Automobile Blackbox system for accident analysis - Developed a vehicle accident analysis system harnessing cloud and memory card storage for secure data logging and real-time analysis of critical parameters.

Activities

- Contributed to building the event website for the Michigan DevFest 2024 event using React framework.
- Played a key role in Team CFR, constructing a Formula 1 car for the Formula Bharat competition, demonstrating engineering expertise, teamwork and time management skills.