SANJAY DUWAL

Software Engineer

+16122938288 | sanjayduwal5@gmail.com | 1716 haven Dr, Bedford, TX, 76022
www.linkedin.com/in/sanjay-d-a69764150 | www.sanjayduwal.com

EXPERIENCE

Software Engineer   **Aug 2021 – Feb 2024**
John Deere, Johnston, IA

- Led Agile methodology adoption, improving team communication and project flexibility for remote work; spent 30% of the time on high-quality code development.
- Directed 24/7 on-call support system, enhancing incident resolution from 20% to 80%, managed schedules and documented incident handling processes.
- Spearheaded migration of API gateway to APIM Azure, increasing data processing speed by 30%, and enhanced security, showcasing leadership in integration.
- Optimized frontend dependencies, transitioning to Node v18 and updating Webpack, which cut build time by up to 60%, boosting performance.
- Defined responsive UIs with React, implementing CSS Grid and Flexbox for superior user experience across devices; focused on user-centric design principles.
- Improved software release cycles by 40% using TDD methodology for Java solutions, leveraging Jenkins and Git for efficient CI/CD pipeline management.
- Created scalable Microservices with Spring framework, boosting system performance and user satisfaction by 25% through data-driven decision-making.

Software Engineer   **Feb 2020 – Jul 2021**
OATI, Minneapolis, MN

- Increased project efficiency by 15% through integration of agile methodology.
- Executed 100+ comprehensive test cases, collaborated closely with QA teams, and provided ongoing support, ensuring a robust and reliable product.
- Constructed Jest tests attaining 100% coverage across all functionalities of the codebase, confirming the product operates at maximum efficiency.
- Implemented responsive designs with CSS3 and HTML5, ensuring cross-device compatibility.
- Met 100% of project deadlines through efficient team collaboration and coding practices.

EDUCATION

Bachelor of Science, Information Technology   **Jan 2016 – Dec 2019**
Minnesota State University, Mankato, MN

Majoring in Software Engineering with a minor in Technical Communication. Dean's List for 6 semesters, recipient of multiple scholarships, reflecting dedication, excellence, and interdisciplinary skills.

SKILLS

Agile, Artifactory, Ajax, Algorithm design, Bootstrap, Continuous Integration / Continuous Deployment, Web UI & API technologies, Python, React, CSS, MySQL, Debugging, Docker, JavaScript, JSON, JUnit, Kotlin, Object Oriented Design, Scrum, Web Services, Spring Boot, REST, GitHub, SonarQube, Manual Testing, Unit Testing, Unix, Windows, XML, Visual Studio, Slack, IntelliJ