Sourav Girish Walke

📞 510-331-3108 ✉ souravgwalke@gmail.com in linkedin ○ github 📍 San Francisco, CA (Open to Relocate)

Software Engineer | Full Stack Developer | Java Developer | Backend Developer

Experience

SCAA Cal State East Bay — January 2023 – Present
Student Developer — *Hayward, USA*

- Led the comprehensive overhaul of an outdated tutor availability and appointment website, transitioning from JSP Servlet to cutting-edge web frameworks, resulting in a substantial 40% enhancement in overall site performance metrics.
- Teamed with five student developers to develop a Learning Management System (LMS) with screen reader compatibility, keyboard navigation, and customizable interfaces, improving accessibility for users with disabilities by 80%.

CrimsonLogic Pte Ltd — July 2021 – July 2022
Senior Software Engineer - 1 — *Singapore District, Singapore*

- Played a key role in the architectural design and development of a digital governance enterprise product, increasing project acquisition and revenue potential of the organization by 50%.
- Designed optimized batch processing solutions using Spring Batch to migrate critical business data from on-premises legacy database systems to AWS cloud, achieving a remarkable 98% data reliability rate.
- Facilitated the adoption of Azure-based CI/CD pipelines, which helped establish a robust Test Driven Development (TTD) environment and improved efficiency in build, test, and deployment processes by 75%.

CrimsonLogic Pvt Ltd (India Division) — July 2019 – July 2021
Software Engineer — *Bengaluru, India*

- Coordinated with stakeholders to discuss and prioritize business requisites, aligning the system with varied user groups; this approach resulted in a 20% improvement in the overall system effectiveness.
- Orchestrated the rollout of sophisticated application workflows for agencies within St. Lucia DigiGov, delivering an outstanding 80% rise in citizen engagement metrics and accelerating the government's digital transformation agenda. 🔗
- Spearheaded development of a COVID-19 donation portal, seamlessly integrating payment and reporting systems, ensuring regulatory compliance, and increasing donation processing efficiency by 30%.
- Engineered a modular appointment scheduler with reusable components, embedding effortlessly into diverse use cases and ensuring flexibility and ease of integration. Achieved a 90% increase in scheduling efficiency.

Projects

Pet Adoption Platform | *MongoDB, Express, ReactJS, NodeJS, jQuery* — March 2024

- Developed a fully-featured MERN stack-based platform focusing on creating a user-friendly interface for browsing pets and submitting adoption applications.
- Implemented real-time updates using Socket.IO, allowing users to receive instant notifications for new pets or adoption status changes.

Lo-fi Music Streaming Service | *Javascript, Node.js, Express, REST API, MySQL* — November 2023

- Created a web application that allows users to listen to and discover lo-fi music tracks. Used the Web Audio API and Howler.js to stream lo-fi music tracks in the browser.
- Stored track information, user preferences, and playlists in a MySQL database.

Education

California State University, East Bay — August 2022 – May 2024
Master of Science in Computer Science — *Hayward, CA*

Technical Skills

Programming Languages: Java (Proficient), JavaScript, HTML5, XML, C++
Tools & Libraries: Git, Maven, JUnit, Postman, Gradle, Jenkins, Sonar
Frameworks: ReactJS, Tailwind CSS, KnockoutJS, jQuery, Spring (Batch & Boot), Hibernate
Cloud & Database: AWS (Certified Cloud Practioner), Azure, MySQL, MongoDB, PostgreSQL
Software Development Practices: Agile, Scrum, Jira, Test Driven Development