Savio DCosta

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EDUCATION

Master of Science in Computer Science and Engineering, Santa Clara University, California, USA   2021/09 - 2023/06
Bachelor of Engineering in Computer Science, University of Mumbai, Mumbai, India   2016/08 - 2020/10

SKILLS

Programming: Java/J2EE, Python, C/C++, HTML, CSS, Javascript, jQuery, Typescript, Dart, SQL, Go
Web Frameworks: Flutter, Express, Node.js, React.js, React Native, Angular.js, Spring Boot, JSP
Databases: Oracle Databases, Firebase (Authentication, Firestore, Storage), MySQL, MongoDB, SQLite, PostgreSQL
Cloud Platforms: AWS (EC2, S3, Route 53, EKS, Lightsail), Google Cloud Platform (GCP), Docker, Kubernetes
Other Tools: Git, Github, Bitbucket, Confluence, JIRA, Wireshark, Postman, Adobe XD, Figma

EXPERIENCE

SCU Frugal Innovation Hub   **Santa Clara, CA, USA**
Software Engineer   2023/01 - Present
- Spearheaded the development of a cross-platform, accessibility-focused resource application for an NGO aiding individuals with disabilities, utilizing Flutter and Firebase (Firestore, Storage, Authentication).
- Engineered CRUD API endpoints, integrated with Firebase Database and Google Cloud Functions, to ensure robust data validation and secure authentication mechanisms.
- Allowed users to filter content based on resource categories and specific disability types. Also implemented functionality for employers to add and edit resource information for users to view.
- Incorporated Google Maps API, enabling users to visualize and locate resources geographically.

Lightning Motorcycles   **Hollister, CA, USA**
Software Engineer   2022/06 - 2023/01
- Led the development of a cross-platform mobile app using Flutter, allowing seamless communication between motorcycles and users on iOS, Android, and web platforms.
- Designed and implemented user-friendly portals for both administrators and users, utilizing Firebase Authentication, Firestore, and Google Cloud Functions for secure and efficient data management.
- Created and maintained various CRUD API endpoints to trigger specific Google Cloud Functions for data validation and authentication.

Honeybee Tech Solutions   **Mumbai, Maharashtra, India**
Software Engineer   2020/08 - 2021/08
- Developed a web-based Grievance Handling and HR Management system using JSP, Bootstrap for the front end, and OracleDB on the backend.
- Utilized Java, jQuery, and AJAX to support dynamic web flows and improve user experience.
- Optimized performance by creating indexes on API queries, resulting in a 60% reduction in load time.
- Integrated SonarQube, to address code smells, resulting in better software production discipline and quality

CERTIFICATIONS

- **Introduction to MongoDB** by LinkedIn | Feb 2024 | Credential ID: 49d03c5c92330b2c2d473963b1488020c7198b1945d3cdd2f34a59573bd0e26e
- **Learning Docker (2018)** by LinkedIn | Apr 2023 | Credential ID: Acee137PsuEq2tyDIR6lOCEeJ4I8