BENITA REGO

San Jose, CA 95134 | regobenita26@gmail.com | +1 6693881662 | Portfolio | Linkedin | GitHub

SUMMARY

Software Engineer skilled in Java, JavaScript, and NodeJS, with expertise in design, problem-solving, debugging, QA/testing (JUnit, UTPLSQL). Experienced in SCRUM/Agile methodologies, proficient in algorithms, cloud services, and frontend frameworks (Android, ReactJS, VueJS, Flutter). Knowledgeable in ML/AI technologies (GenAI, NLP), strong collaborator and innovator, leveraging Flask, REST APIs, Git, and DevOps tools.

EDUCATION

Master of Science (M.S) in Computer Science - **Santa Clara University**, Santa Clara, CA   *June 2023*

Bachelor of Engineering (B.E) in Computer Engineering - **University of Mumbai**, Mumbai, India   *June 2021*

Courses: Algorithms, Data Structures, Object Oriented Design, Database Systems, Cloud Computing, Distributed Systems, Operating Systems, Design Patterns, Microservices, Computer Architecture, Web Development, Big Data Analytics, Mobile Application Development, Artificial Intelligence

EXPERIENCE

***Software Engineer - Applications Development* - Oracle America Inc., Redwood City, CA**   *July 2023 - Present*
- Developed and enhanced features, leading the integration of reputed payment gateways into Oracle Fusion Payments Cloud Service, expanding payment processes by reducing transaction times by 35% while ensuring 100% PCI compliance. Development Standards
- Synergized with diverse cross-functional Fusion ERP teams, streamlining Accounts Receivables (AR) processes by implementing automated workflows, which reduced manual intervention, enhancing operational efficiency, ensuring seamless operations and customer usage.
- Monitored and resolved customer-facing issues, identifying and debugging bottlenecks in production, that led to 25% faster transaction processing and progressive enhancement in user experience, significantly improving product efficiency for Customer Experience and Success.
- Responsible for conducting comprehensive testing and analysis on potential challenges and issues with feature deliverables, ensuring adequate test coverage and refining product flows while utilizing relational databases to optimize data storage and retrieval for improved application performance.
- Collaborated closely with Product Managers and stakeholders to gather and meet requirements, translate business needs into technical specifications for AR and Payments functionalities, and communicate key milestones to ensure alignment with business goals.
- Participated in code reviews, providing constructive feedback to enhance code quality, maintainability, and adherence to Development Standards and best practices within the codebase, along with comprehensive unit and integration testing.
- Authored and maintained comprehensive documentation, facilitating knowledge transfer and support for continuous advancement and growth.

***Student Software Developer* - SCU Frugal Innovation Hub, Santa Clara, CA**   *February 2022 - April 2023*
- Devised hybrid web/mobile applications using Android, Flutter, and React frameworks in a team of 3, benefiting users in Africa, Asia, and Latin America.
- Prototyped UI designs and prototypes in Figma, leading to an 85% increase in user engagement and significantly enhancing the overall user experience.
- Led a Mobile app development workshop for over 50 high school students, equipping them with skills to pursue careers in technology.

***Software Engineering Intern (Full Stack)* - Intuitive Surgical Inc., Sunnyvale, CA**   *June 2022 - September 2022*
- Functioned in the Core Technology Engineering (CTE) team on customization, testing, and delivery of internal apps using React frameworks and TypeScript to increase consistency by around 81% and aid in developing prototypes.
- Orchestrated brainstorming sessions with cross-functional teams to identify UX/UI features required for a new product, and collaborated with designers and developers to mock up and implement the final code approach for user interfaces.
- Enhanced web applications performance by optimizing code and refactoring legacy components, resulting in a 30% improvement in latency.

SKILLS

Programming languages: Java, Python, C, C++, Dart, HTML, CSS, JavaScript, TypeScript, Kotlin, XML
Frontend Frameworks: Flutter, Android, ReactJS, Redux, React Native, VueJS, Chakra-UI, Material-UI, Bootstrap, JSON, HTML/HTML5, CSS/CSS3
Backend Frameworks: Node.js, Flask, RESTful API, JSON, JUnit
Databases & Cloud: SQL, SQLite, PL/SQL, PostgreSQL, NoSQL (Firebase, MongoDB), JDBC, AWS, OCI, Docker
Developer Tools & Libraries: Figma, Jira, Confluence, BitBucket, Mural, Git, Github, VS Code, Postman, ML, OpenCV, Linux, PowerBI
Soft Skills: Collaboration, Adaptibility, continuous learning, resilience, creativity, attention to details, mentorship

PROJECTS

FlexPay - University Payment Application - *Java, JavaScript, OCI, Firebase, MongoDB, Node.js, Python*
- Devised an Android e-commerce app that provides flex points university - payment transactions, hosted on OCI computer instance. stored in MongoDB Atlas, with Multi-factor Authentication encrypted and utilized Nginx, Express for HTTP handling and server management.

Social Media Analysis for Mental Health Evaluation - *Flutter, Flask, Machine Learning, REST API, Firebase*
- Designed a responsive mobile app that analyses users' mental state using social media APIs, with CNN integration, providing an accuracy of 89.28%. Negative state alerting, with assistance through a medical chatbot with 92% efficiency, further shows medical services nearby.

CERTIFICATIONS

- **Oracle** Cloud Infrastructure Foundations
- **LinkedIn -** Introduction to LLMs
- **Stanford University -** Machine Learning
- **Udemy -** Android Development
- **LinkedIn -** Project Management Skills for Leaders
- **Oracle** Cloud Infrastructure GenAI

ACCOMPLISHMENTS AND INVOLVEMENT

- **Published a Research Project paper** - "Social Media Analysis for Mental Health Evaluation" *IJRASET,* ISSN: 2321-9653, Volume 9 Issue IV Apr 2021
- **Judge & Mentor**: UnScript 2022: National Level Hackathon, India; **Built systems** in hackathons including Smart India Hackathon 2020.