BENITA REGO

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EDUCATION

Master of Science, Computer Science and Engineering   *June 2023*
[Santa Clara University](#) – Santa Clara, CA   **GPA: 3.6/4**

Bachelor of Engineering, Computer Engineering   *June 2021*
[University of Mumbai](#) – Mumbai, India   **GPA: 3.82/4**

EXPERIENCE

[Oracle America Inc.](#) | Applications Engineer II   **Redwood City, CA | *July 2023 - Present***
- Collaborating with cross-functional teams in Fusion Applications Receivables (ERP) where we build and maintain functionalities that perform day-to-day accounts receivable operations.
- Conducted comprehensive debugging and testing resulting in 15% decrease in application errors along with resolving customer related bugs in the Customer Success Team, maintaining the product for their increased efficiency.
- Communicating key milestones to customers/stakeholders ensuring alignment with business goals and smooth business flow.

[SCU Frugal Innovation Hub](#) | Student Developer   **Santa Clara, CA | *Feb 2022 - June 2022, Sept 2022 - Apr 2023***
- Collaborated with a team of 3 to develop hybrid-based web and mobile apps using Android, Flutter, and React framework, incorporating local storage functionality to enable offline access for users in Africa, Asia, and Latin America.
- Prototyped UI designs using Figma, resulting in an improved user experience and increased engagement by 20%.
- Conducted a successful workshop on Flutter: Mobile App Development for High School Students in Santa Clara, CA, educating over 50 students on the basics of app development and empowering them to pursue careers in technology.

[Intuitive Surgical Inc.](#) | Software Engineering Intern   **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 the consistency by around 81% and aid in the development of prototype.
- Orchestrated brainstorming sessions with cross-functional team members to identify UX/UI features required for a new product, collaborated with designers and developers to mock up and implement final code.

[Origin Cloud Technologies](#) | Mobile Application Developer Intern   **Chennai, India | *June 2020 – July 2020***
- Devised an app, similar to Handshake for students & companies that significantly improved the hiring process by 70%, stored and encrypted in Firebase with enhanced performance by prototyping on Figma, with implementation and documentation.

PROJECTS

FlexPay - University Payment Application   *March 2023*
- Devised a hybrid app that allows students with internal transactions using university flex points stored in MongoDB, hosted on OCI along with MFA auth encrypted with student ID and email using Node.js - Express, endpoint from the server side.

Social Media Analysis for Mental Health Evaluation   *May 2021*
- Designed an application that analyses users' mental state utilising social media from their API using Deep Learning CNN model integrated using Flask which gives an accuracy of 89.28% and negative alerting using Twilio with Firebase storage.
- Created a medical chatbot using DialogFlow with 92% efficiency, further showing medical services using Google Maps API.

SKILLS

Languages: JAVA, Python, C, Dart, HTML, CSS, JavaScript, TypeScript, Kotlin, XML
Web & Mobile Technologies: Flutter, Android, React.js, React Native, Vue.js, Chakra-UI, Material-UI, Bootstrap, Flask, Node.js
Databases: SQL, SQLite, PLSQL, NoSQL (Firebase, MongoDB), JDBC, AWS, OCI
Platforms/Tools: Android Studio, Figma, JIRA, BitBucket, Mural, Git, VSCode, Postman, Microsoft Office, REST APIs, ML, OpenCV

ACCOMPLISHMENTS AND INVOLVEMENT

- **Published a technical paper** - Benita Rego, Nolita Rego, Mohit Kunder, "Social Media Analysis for Mental Health Evaluation" *IJRASET,* ISSN: 2321-9653, pp. 1453-1460, Volume 9 Issue IV Apr 2021 https://www.doi.org/10.22214/ijraset.2021.33962
- **Mentor** for UnScript 2022: National Level Hackathon, India; **Public Relations Head & Webmaster** - CodeLabsCRCE
- **Built various systems** during DMCE Hackathon, (Internal) Smart India Hackathon 2020, Synergy Hackathon