BENITA REGO

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EDUCATION

Santa Clara University   Santa Clara, CA
Master of Science (M.S) - Computer Science and Engineering; GPA: 3.6/4   June 2023

University of Mumbai   Mumbai, India
Bachelor of Engineering (B.E) - Computer Engineering; GPA: 3.82/4   June 2021

EXPERIENCE

Oracle America Inc. | Applications Engineer 2   Redwood City, CA | July 2023 - Present
- Collaborating with cross-functional teams in Fusion ERP Accounts Receivables (AR) where we build and maintain functionalities that perform day-to-day AR operations and handle application for seamless usage by customers.
- Achieved and developed feature enhancement for the Oracle Fusion Payments Cloud Service for funds capture and disbursement for payment processing in customer success to achieve PCI Compliance.
- Conducted comprehensive debugging and testing with resolving customer-related bugs resulting in uninterrupted use of AR and Payments products in the Customer Success Team for their increased efficiency.

SCU Frugal Innovation Hub | Student Software Developer   Santa Clara, CA | February 2022 - April 2023
- Devised hybrid-based web/mobile apps using Android, Flutter and React framework in a team of 3, incorporating local storage functionality to enable offline access for Africa, Asia, and Latin America users.
- Prototyped UI designs using Figma, resulting in improved UX and increased engagement by 85%.
- Conducted a workshop on Flutter: Mobile App Development for High School Students in Santa Clara, CA, educating over 50 students on development and empowering them to pursue career 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 prototypes.
- Orchestrated brainstorming sessions with cross-functional teams to identify UX/UI features required for a new product, collaborated with designers and developers to mock up and implement the final code approach.

SKILLS

Languages:	Java, Python, C, Dart, HTML, CSS, JavaScript, TypeScript, Kotlin, XML
Libraries / Frameworks:	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, REST APIs, ML, OpenCV

PROJECTS

FlexPay - University Payment Application | *JavaScript, OCI, Firebase, MongoDB, Node.js*
- Devised a hybrid app that provides flex points payment transactions within the university, hosted on OCI computer instance. stored in MongoDB Atlas Cluster, 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 | *Flutter, Flask, Machine Learning, REST API, Firebase*
- 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.

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