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.   **Redwood City, CA**
Applications Engineer II   *July 2023 - Present*
- Collaborating with cross-functional teams in Fusion Applications Accounts Receivables of the ERP organization where we develop and maintain functionalities that perform day-to-day accounts receivable operations and handle application for seamless usability for customers.
- Contributing as part of Oracle Fusion Payments Cloud Service for funds capture within ERP for smooth transactions for enhanced customer satisfaction.
- Conducted comprehensive debugging and testing, ensuring uninterrupted usage of Fusion Accounts Receivables application along with resolving customer-related issues in the Customer Success Team, thereby improving product efficiency.
- Effectively communicating key milestones to customers/stakeholders ensuring alignment with business objectives and streamline processes.

SCU Frugal Innovation Hub   **Santa Clara, CA**
Student Software Developer   *Feb 2022 - June 2022; Sept 2022 - Apr 2023*
- Collaborated with a team of 3 to develop hybrid-based web and mobile applications using Android, Flutter, and React framework in the domain of education and tourism, incorporating local storage functionality using realm DB and offline storage to facilitate offline access and usability for users in remote areas in Africa, Asia, and Latin America with frugal applications.
- Prototyped UI designs using Figma, resulting in an improved user experience and increased engagement by 70%.
- 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 mobile app development and empowering them to pursue careers in the STEM industry.

Intuitive Surgical Inc.   **Sunnyvale, CA**
Software Engineering Intern   *June 2022 - September 2022*
- Functioned in the Core Technology Engineering (CTE) team on customization, testing, and delivery of internal applications using React frameworks and TypeScript to increase the consistency by around 81% and aid in the development of prototypes using Figma and Mural.
- Orchestrated brainstorming sessions with cross-functional team members to identify UX/UI features required for a new product, collaborated with designers and developers to mockup and implement final code along with unit testing and analysis.

Origin Cloud Technologies   **Chennai, India**
Mobile Application Developer Intern   *June 2020 – July 2020*
- Devised an application similar to Handshake for students and companies for job search and application, that significantly improved the hiring process by 70% and a responsive user experience for both job seekers and companies, prototyped using Figma.
- Stored and encrypted user data in Firebase with enhanced performance along with implementation and documentation for future reference.

PROJECTS

FlexPay - University Payment Application – *JavaScript, OCI, Node.js, MongoDB, Python*
- Devised a hybrid app that allows students with internal money/point transactions using university flex points using Spring boot framework, stored in MongoDB, hosted on Oracle Cloud Infrastructure's (OCI) compute instances and load balancer along with Microsoft MFA encrypted with student details.
- Incorporated Nginx to handle HTTP endpoints, Express - Node.js to manage servers, and MongoDB Atlas for Python databases.

Social Media Analysis for Mental Health Evaluation – *Android, Python, REST API, CNN, Flask, Firestore*
- Designed an application that analyses users' mental state utilizing 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

PUBLICATION, CERTIFICATIONS AND LEADERSHIP

- **Published a technical paper** - "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
- **Hackathons -** Built various systems during DMCE Hackathon 2020, (Internal) Smart India Hackathon 2020, Synergy Hackathon 2019.
- **Mentor** for UnScript 2022: National Level Hackathon, India; **Vice- President** – *Swades* at SCU (Indian Student Organization); **Public Relations Head & Webmaster** – CodeLabsCRCE; **Media Systems Assistant** - Media Services at SCU