BENITA REGO

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EXPERIENCE

Oracle America Inc. | Applications Engineer   **Redwood City, CA | *July 2023 - Present***
- Operating in the Fusion Applications Receivables Team in ERP where we build and maintain the functionality that perform day-to-day accounts receivable operations.

SCU Frugal Innovation Hub | Student Developer   **Santa Clara, CA | *Feb 2022 - June 2022, Sept 2022 - Apr 2023***
- Collaborated in a team of 3 on prototyping UI using Figma, with developing hybrid based web/mobile apps using Android, Flutter and React along with local storage to work on internet free environments for countries in Africa, Asia and Latin America.
- Conducted Workshop on Flutter: Mobile App Development for High School Students in Santa Clara, CA.

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.

EDUCATION

Master of Science, Computer Science and Engineering   ***September 2021 - June 2023***
Santa Clara University – Santa Clara, CA   **GPA: 3.6/4**
Relevant Courses: Design & Analysis: Algorithms, Mobile App Development, Independent Study, Cloud Computing, Machine Learning

Bachelor of Engineering, Computer Engineering   ***August 2017 - June 2021***
University of Mumbai – Mumbai, India   **GPA: 3.82/4**
Relevant Courses: Data Structures, Database Management Systems, Big Data Analytics, Object Oriented Programming, Web Technology

SKILLS

Languages: JAVA, Python, C, Dart, HTML, CSS, JavaScript, TypeScript, Kotlin
Web & Mobile Technologies: Flutter, Android, React.js, React Native, Vue.js, Chakra-UI, Material-UI, Bootstrap, Flask, Node.js
Databases: SQL, SQLite, 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