# BENITA REGO

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## EXPERIENCE

**Oracle America Inc.**                                                                                                                    **Redwood City, CA**
**Applications Engineer**                                                                                                                *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**                                                                                                        **Santa Clara, CA**
**Student Developer**                                                                            *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 Americas.
- Conducted Workshop on Flutter: Mobile App Development for High School Students in Santa Clara, CA.

**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 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 (Stack Nation)**                                                                                **Chennai, India**
**Mobile Application Developer Intern**                                                                                    *June 2020 – July 2020*
- Devised an app, similar to Handshake for college students and 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 application allowing students with internal transactions using university flex points stored in MongoDB and 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