

# NOLITA REGO

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## EDUCATION

**Master of Science** in Computer Science - **Santa Clara University**, Santa Clara, CA, USA **June 2023**

**Bachelor of Engineering** in Computer Engineering - **University of Mumbai**, Mumbai, India **June 2021**

*Courses/Skills: Algorithms, Data Structures, Database Systems, Cloud Computing, Operating Systems, Design Patterns, Computer Architecture, Big Data Analytics, Object Oriented Programming, Web/Mobile Development, UI/UX Design, Artificial Intelligence*

## EXPERIENCE

**SCU Frugal Innovation Hub, Santa Clara, CA**

**Application Developer**

**July 2023 - Present**

- Spearheaded a team of 3 to develop a hybrid app for Belgian clients applying Flutter-Dart, local storage for offline functionality, and integrated Dialogflow chatbot alongside improved UX and browser service.
- Currently employed as a **Product Manager** to lead end-to-end development and launch of a multilingual app to track project success using KPIs, research, UX, multilingual support, communication, launch strategy, and performance analytics.

**Software Developer Intern**

**February 2022 - June 2022 | September 2022 - April 2023**

- Established 100% cost-efficient software internet-free mobilization solutions for African and European clients.
- Engineered high-fidelity UI prototypes for interactive web/mobile applications with Figma, React, and Flutter, integrating local storage capabilities, conducted code/data pipeline reviews, and proposed constructive feedback to enhance product quality.

**Mitchell International, Inc., San Diego, CA**

**Software Development Intern**

**June 2022 - September 2022**

- Functioned in a 7-cohort team under the Auto Physical Damage unit for product development of Mitchell Estimating Solutions.
- Collaborated in NextGen Estimate to improve 90% of automated testing solutions by preparing test plans and cases, debugging complexity, fixing code smell, and blockers in C#, MSTest, Selenium, SonarQube, SonarLint for CI/CD code quality analysis.

**FashionTV India, New Delhi, India**

**Mobile Application Developer Intern**

**June 2020 - August 2020**

- Performed in a cross-functional team to launch an online Wellness course platform, leveraging Flutter-SDK, Authentications, and Cloud Firestore along with highly decisive Figma paradigms, increasing 85% reliable user interfaces with deployment.

## PROJECTS

**Home-based Food Business Website - React.js, Tailwind CSS, Amazon SNS, AWS DynamoDB**

**November 2023**

- Devised a responsive React.js web app using Tailwind CSS for effortless shopping cart functionality, integrated Amazon SNS for real-time updates, and utilized Fetch API to make HTTP requests to trigger the execution of AWS DynamoDB.

**FlexPay - Payment and Transaction Application - JavaScript, OCI, Node.js, MongoDB, Python**

**March 2023**

- Engineered a React Native e-commerce app enabling monetary/point transactions in JavaScript, Spring Boot on Oracle Cloud Infrastructure, and implemented Microsoft Multi-factor Authenticator for 2-step verification.
- Incorporated Nginx to handle HTTP endpoints, Express - Node.js to manage servers, and MongoDB Atlas for Python database.

**Social Media Analysis for Mental Health Evaluation - Python, REST API, CNN, Flask, Firestore**

**May 2021**

- Developed a system to detect users' mental state via social media, utilizing live data fetched through REST API (OAuth 2.0), CNN model with Flask (Python), Twilio for harmful content alerts, and DialogFlow for medical chatbot.
- Operated live data collection via Cloud Firestore, yielding an 89.28% test accuracy for the model.

## SKILLS

- **Languages:** Java, JavaScript, Python, C, C#, HTML, CSS, TypeScript, Kotlin, Bash
- **Web/Mobile Technologies:** Flutter, React Native, React.js, Redux, Angular, Material-UI, Bootstrap, Vue.js, Node.js, Flask
- **Developer Tools:** Android Studio, VSCode, Linux, Git, Postman, Power BI, JSON, jQuery, AJAX, REST API, JIRA, Agile, DevOps
- **Databases:** SQL, PostgreSQL, PL/SQL, JDBC, AWS, OCI, GCP, NoSQL (Firebase, MongoDB)

## CERTIFICATIONS AND PUBLICATION

- **Technical Paper Publication:** "Social Media Analysis for Mental Health Evaluation", IJRASET, Vol. 9 Issue IV, April 2021.
- **Certifications:** Front-End Developer - **Meta**; Azure AI Fundamentals - **Microsoft**; OCI Foundations - **Oracle**
- Public Relations & Media Head - **TEDxCRCE**; Marketing & Planning Department - **Students' Council CRCE**