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, Machine Learning, Computer Architecture, Microservice, Object Oriented Design, 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 in developing a hybrid application for Belgian clients applying Flutter-Dart framework and local storage for offline functionality with a chatbot (Dialogflow) implementation to enhance user experience and browser service.
- Currently employed as a Product Manager to launch a multilingual lexicon/math problem-solving application.

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 user interface designs for interactive web/mobile apps with Figma, React, and Flutter, integrating local storage capabilities, conducted CI/CD pipeline reviews, 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 utilizing 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 design React.js web application with Tailwind CSS where a user can add food to a shopping cart, smoothly place an order, and display item details, updated weekly along with Amazon SNS for real-time updates.
- Implemented built-in Fetch API to make HTTP requests to the backend service to trigger the execution of AWS DynamoDB.

FlexPay - Payment and Transaction Application - *JavaScript, OCI, Node.js, MongoDB, Python*   *March 2023*

- Designed an ecommerce application for money/point transaction in JavaScript, Spring boot framework, hosted on Oracle Cloud Infrastructure's (OCI) compute instances and load balancer, and 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 an ecosystem for users' mental state statistical analysis via social media by live data fetch from REST API (OAuth 2.0), CNN model with Flask integration (Python), alerts users' harmful content with Twilio, and medical chatbot by DialogFlow.
- Operated collection of live data through Cloud Firestore and model resulted in 89.28% test accuracy and optimization.

SKILLS

- **Languages:** Java, JavaScript, Python, C, C#, HTML, CSS, TypeScript, Kotlin
- **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, Junit, JSON, jQuery, AJAX, REST API, JIRA, Agile, DevOps
- **Databases:** SQL, PostgreSQL, PL/SQL, JDBC, AWS, OCI, 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 - **TEDx CRCE**; Marketing & Planning Department - **Students' Council CRCE**