



SUJITH VARUGHESE

Portfolio: <https://www.sujithv.com>

Miami, FL | 305.859.1695 | sujith.varug@gmail.com

Full stack software developer with four years of hands-on experience building and maintaining scalable web and mobile applications across the full software development life cycle. Successfully launched multiple apps on the App Store and designed a custom application that has been actively used in a thriving real estate company. Skilled in translating business needs into effective technical solutions, with a focus on performance, usability, and long-term maintainability.

SKILLS

- JavaScript - TypeScript - Python - Java - HTML - CSS
- React - React Native - Node.js - Next.js - Express - Expo
- MongoDB - SQL
- Amazon Web Services - Google Cloud Platform
- OpenAI & Generative AI
- Docker & Containerization
- API Design & Integration
- DevOps - System Design - CI/CD - Version Control

EXPERIENCE

FULL STACK SOFTWARE DEVELOPER

SGS Properties, Inc. | Hollywood, FL | December 2022 - current

- Designed, built, and maintained a proprietary property management application integrating real estate **APIs** to retrieve real-time MLS property listings and nationwide rental market data. [Demo](#) - [Client GitHub](#) - [API GitHub](#)
- Developed a robust back-end architecture utilizing **MongoDB** for data storage and **AWS S3** for efficient file management; implemented secure authentication using **Google OAuth 2.0**, **Firestore**, and **JSON Web Tokens**, and optimized front-end state management with **Redux Toolkit** and **Context API**.
- Implemented **CI/CD pipelines** to automate software deployments, enhance reliability, and streamline daily operations.
- Improved operational efficiency by integrating the **Stripe Payment API** for seamless rent payments and digitizing lease agreements, resulting in increased tenant and management satisfaction and a **150% increase** in lease renewal rates.

SOFTWARE ENGINEER PROJECT LEAD

Florida International University | Miami, FL | January 2022 - December 2022

- Led a development team using **Agile methodologies**, facilitating sprint planning and overseeing testing phases to ensure timely delivery of high-quality application features.
- Crafted responsive user interfaces leveraging UX/UI principles with tools such as **Axure RP**, **Adobe XD**, and **Figma**, delivering seamless and engaging experiences across web and mobile platforms.
- Designed comprehensive **system architecture**, including detailed API structures and optimized database schemas, to ensure robust performance and scalability.

PROJECTS

<https://www.sujithv.com>

MEDSCOPE [Demo](#) - [GitHub](#)

- Utilizes several medical APIs to provide personalized health assessments, symptom-based condition suggestions, health calculators including BMI and BMR, and comprehensive information on any drug or medical condition. Built in TypeScript using both React and React Native, Node.js, Express, and MongoDB

MODULO AI [App Store](#) - [GitHub](#)

- Smart ways to use the remainder of your time - Modulo finds activities for your free time by analyzing open slots in your calendar and using AI to suggest meaningful and personalized activities based on your interests. Built in TypeScript using React Native and Expo. Available on the App Store

SIMPLER FITNESS [Demo](#) - [GitHub](#)

- Get personalized workout plans based on your profile and available equipment, leveraging the OpenAI API for custom exercise routine recommendations, along with access to thousands of workouts with detailed animations.

EDUCATION

[BACHELOR OF COMPUTER SCIENCE](#)

Florida International University

DECEMBER 2022

- Member of the Florida Engineering Society
- Relevant coursework: Data Structures, Software Engineering, Database Management

CERTIFICATIONS

[COMPTIA A+](#)

AUGUST 2024

[META FRONT END DEVELOPER CERTIFICATE](#)

JANUARY 2024