

SUJITH VARUGHESE

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

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Energetic and dedicated Full-Stack Developer with a solid track record of designing and delivering high-quality web and mobile applications. Proficient in **JavaScript, Java, React, React Native, Node.js**, and database management, with hands-on experience in API development, user authentication, and **AWS/GCP** services. Skilled in **Agile methodologies**, CI/CD pipelines, and responsive UI/UX design. Adept at problem-solving, team collaboration, and implementing scalable, maintainable solutions for complex business needs.

EXPERIENCE

DIRECTOR OF TECHNICAL OPERATIONS

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, providing up-to-date insights for market analysis and financial tracking. ([website link](#)) ([GitHub link](#))
- Developed a robust backend architecture utilizing **MongoDB** for data storage and **AWS S3** for efficient file management; implemented secure authentication using **Google OAuth 2.0** and **JWT**, and optimized application state management with **Redux Toolkit**.
- Implemented **CI/CD** pipelines to automate software deployments, enhance reliability, and streamline daily operations.
- Improved operational efficiency by integrating **Stripe** for seamless payments, implementing encrypted user authorization, and digitizing lease agreements, resulting in increased tenant satisfaction and a **150% boost** in lease renewals.

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

MEDSCOPE

- Health application that provides drug and medical condition information, personalized health assessments, symptom-based condition suggestions, and health calculators like BMI and BMR. Built in TypeScript with both React and React Native, Node.js, Express, MongoDB, and several integrated medical APIs for accurate real-time data.

TRIVIA NIGHT AI

- Published in iOS App Store
- Trivia app that provides detailed AI-generated explanations for each question using the OpenTrivia API. Built with React Native and TypeScript, and OpenAI's chat completions API for responses.

SIMPLER FITNESS

- Fitness application that generates personalized workout plans based on user profiles and available equipment, leveraging the OpenAI API for custom exercise routine recommendations.

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