

# SUJITH VARUGHESE

Portfolio: <https://sujithv.com>

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Recent Computer Science graduate with over three years of experience in full-stack web and mobile application development, covering the entire software developmental lifecycle, from initial design to deployment and maintenance. Proficient in JavaScript, NodeJS, React, AWS, and OpenAI. Experienced in designing scalable applications using microservice architecture and cloud computing, and skilled in aligning technical solutions with business objectives. Eager to contribute a growth-oriented mindset and passion for technology to a dynamic team to drive impactful and innovative solutions.

## SKILLS

- JavaScript - Python - Java - C++
- React - React Native - NodeJS - Express
- MongoDB - SQL
- Amazon Web Services - Google Cloud Platform
- OpenAI - LLM - Machine Learning - Generative AI
- Docker - Containerization
- API Design & Integration
- DevOps - System Design - CI/CD Pipelines - Version Control
- Network/DNS Configuration - Deployment
- Linux - Unix - Bash Scripting

## EXPERIENCE & PROJECTS

### DIRECTOR, TECHNICAL DEPARTMENT

SGS Properties, Inc. | Hollywood, FL

AUGUST 2018 – AUGUST 2024

- Designed and maintained a web and mobile property management application, integrating continuous updates and automated CI/CD workflows using GitHub to optimize operations. ([website link](#)) ([GitHub link](#))
- Enhanced transaction efficiency and productivity by implementing encrypted digital leases and integrating Stripe's payment API, enabling timely rent payments, seamless lease signings, and a 100% increase in lease renewal rates.
- Architected a robust backend with MongoDB for data storage and AWS S3 for file management, implemented secure user authorization with Google OAuth 2.0 and JWT, and optimized state management using Redux Toolkit and Context API.
- Leveraged APIs to retrieve real-time MLS property listings and nationwide rental market data, providing up-to-date insights for informed decision-making.
- Managed rental unit renovations by overseeing budgets, coordinating design aspects, and supervising contractors, ensuring projects were completed on time and within budget.

### SOFTWARE ENGINEER PROJECT LEAD

Florida International University | Miami, FL

JANUARY 2022 – DECEMBER 2022

- Led team throughout software developmental lifecycle using Agile methodology, facilitated sprint planning and reviews, and monitored progress to ensure timely delivery of high-quality features.
- Performed risk analysis and evaluated use cases by utilizing dynamic models and sequence diagrams to identify potential issues and optimize system functionality.
- Developed a comprehensive system design model, including API architecture and database schema to ensure robust and scalable solutions.
- 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.
- Directed the application testing phase by overseeing the execution of test plans, identifying and resolving bugs, and ensuring the product met quality standards prior to deployment.

## 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

### ADVANCED JAVASCRIPT

MARCH 2024