

SUJITH VARUGHESE

Portfolio: <https://sujithv.com>

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Dedicated software engineer with a degree in Computer Science and over three years of experience creating and deploying full stack web and mobile applications using JavaScript, OpenAI, NodeJS, and React. Experienced in managing the end-to-end lifecycle of projects from initial design and development to deployment and maintenance. Possess a deep understanding of integrating both technical and business needs from background in property management. Ready to bring a growth-oriented mindset and passion for technology to a dynamic team.

EXPERIENCE

DIRECTOR

SGS Properties, Inc. | Hollywood, FL

AUGUST 2018 – AUGUST 2024

- Developed a property management application to streamline operations for property managers, managed entire software developmental life cycle and implemented continuous integration workflows from GitHub. ([website link](#)) ([GitHub link](#))
- Integrated APIs to fetch nationwide real-time MLS property listings and market rental rates.
- Designed robust backend with data storage on MongoDB and AWS S3, integrated authorization using Google OAuth 2.0 and JWT, and optimized state management with Redux Toolkit and Context API.
- Implemented encrypted leases and Stripe's payment API to streamline transactions and boost productivity which facilitated new lease signings and doubled lease renewal rates.
- Oversaw complete renovation of rental property by managing budgets, coordinating design elements, and supervising contractors which ensured timely, cost-effective completion.

SOFTWARE ENGINEER LEAD (CAPSTONE PROJECT)

Florida International University | Miami, FL

JANUARY 2022 – DECEMBER 2022

- Led team throughout software developmental life cycle using Agile methodology, facilitated sprints, and oversaw progress which ensured timely delivery of high-quality features.
- Conducted risk analysis and evaluated use cases using dynamic models and sequence diagrams to identify potential issues and optimize system functionality.
- Developed a comprehensive system design model encompassing API architecture and database schema to ensure robust and scalable solutions.
- Designed responsive user interfaces by applying UX/UI principles using Axure RP, Adobe XD, and Figma, which created seamless and engaging experiences across web and mobile platforms.
- Guided the application through the testing phase by overseeing the execution of test plans, identifying and resolving bugs, and ensuring the product met quality standards before 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

SKILLS

- JavaScript - Python - Java - C++
- ReactJS - React Native - NodeJS - ExpressJS
- API Design & Integration
- Amazon Web Services - Google Cloud Platform
- OpenAI - LLM - Machine Learning
- Docker - Containerization
- MongoDB - SQL
- DevOps - System Design - CI/CD
- Network Configuration - Deployment
- Linux - Unix