

SUJITH VARUGHESE

AI-Powered Portfolio: <https://sujithv.com>

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Computer Science graduate with four years of experience in full-stack web and mobile application development, covering the entire software developmental lifecycle from concept through deployment and maintenance. Experienced in creating scalable services 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 - TypeScript - Python - Java - C++
- React - React Native - NodeJS - NextJS - 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

EXPERIENCE

DIRECTOR, TECHNICAL DEPARTMENT

SGS Properties, Inc. | Hollywood, FL | 2018 - 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.

SOFTWARE ENGINEER PROJECT LEAD

Florida International University | Miami, FL | 2022

- Led team throughout software developmental lifecycle using Agile methodology, facilitated sprint planning and reviews, and directed application testing phase to ensure timely delivery of high-quality features.
- 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.

PROJECTS

SIMPLER FITNESS

- Full-stack AI fitness application built using React, NodeJS, MongoDB, and OpenAI to generate personalized workout plans based on user profiles and available equipment. ([website link](#)) ([GitHub link](#))

BEAT BLACKJACK

- Customizable blackjack application with an ROI tracker, live move feedback, strategy hints, and adjustable gameplay settings including deck count, splits, and insurance. ([website link](#)) ([GitHub link](#))

ON THE BOOKS

- Reading app integrating OpenLibrary API to discover books, manage collections, and take notes. ([website link](#)) ([GitHub link](#))

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