SUJITH VARUGHESE

Portfolio: https://www.sujithv.com

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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 with 1000+ subscriptions and designed a custom application from the ground-up 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 - Next.js - Express - Expo
- MongoDB - SQL - RDS - Firebase
- Amazon Web Services - Google Cloud Platform

- Generative AI & Prompt Engineering
- Meta Ad Management - Campaign Optimization
- API Design & Integration
- DevOps - System Design - CI/CD - Version Control

PROFESSIONAL EXPERIENCE

FULL STACK SOFTWARE DEVELOPER

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

- Designed a proprietary property management application while establishing **CI/CD pipelines** for automated testing and deployment workflows, streamlining developmental cycles and reducing manual overhead.
- Integrated real estate **APIs** to retrieve real-time MLS property listings and comprehensive rental market data.
- Developed back-end architecture utilizing **MongoDB** for data storage and **AWS S3** for efficient file management.
- Implemented secure user authentication and role-based authorization using **OAuth 2.0**, **Firebase**, and **JSON Web Tokens (JWT).**
- Optimized front-end state management with **Redux Toolkit** and **Context API** for scalable UI architecture.
- Integrated **Stripe API** for seamless and secure online rent payments, resulting in increased tenant and management satisfaction and a **150% increase** in lease renewal rates.

Demo - Client GitHub - API GitHub

SOFTWARE ENGINEER PROJECT LEAD

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

- Led a cross-functional team using **Agile** methodologies by facilitating sprint planning and overseeing testing phases to ensure timely delivery of high-quality application features.
- Mentored junior developers on clean code practices, Git workflows, component-based development, and efficient testing principles.
- Designed comprehensive **system architecture**, including detailed API structures database schemas, along with responsive user interfaces using tools such as **Figma** and **Adobe XD**.

PROJECTS   https://www.sujithv.com

AUTHENTIME App Store - GitHub - Web Demo
- In a market flooded with counterfeit watches, Authentime leverages AI image recognition models to analyze fine details of timepieces to verify authenticity. Built with TypeScript and React Native, featuring a subscription-based payment model.

MEDSCOPE Demo - GitHub
- Utilizes medical APIs and OpenAI to provide personalized health assessments, symptom-based condition insights, health calculators including BMI and BMR, and comprehensive information on any drug or medical condition. Built with 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 with TypeScript using React Native and Expo. Available on the App Store

EDUCATION

BACHELOR OF COMPUTER SCIENCE

Florida International University

DECEMBER 2022

- Florida Engineering Society

CERTIFICATIONS

COMPTIA A+

AUGUST 2024

META FRONT END DEVELOPER CERTIFICATE

JANUARY 2024