SUJITH VARUGHESE

Portfolio: https://www.sujithv.com

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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

EXPERIENCE

FULL STACK SOFTWARE DEVELOPER

SGS Properties, Inc. | Hollywood, FL | December 2022 - current
- Led a multi-functional team in developing and maintaining a proprietary property management application with automated **CI/CD** pipelines for testing and **Git**-based deployments to accelerate development cycles.
- Collaborated with investors to translate business objectives into tailored software solutions, driving adoption through onboarding sessions which streamlined management workflows.
- Optimized front-end state management with component-based development using **ReactJS** with **Redux Toolkit** and **Context API** for scalable UI architecture and utilizing custom hooks**,** decreasing load times by **50%**.
- Integrated **REST APIs** to retrieve real-time property listings and comprehensive rental market data, along with **Stripe API** for secure online rent payments resulting in increased tenant and management satisfaction and a **150% increase** in lease renewal rates.
- Developed back-end architecture utilizing **NodeJS**, **MongoDB** for data, and **AWS S3** for scalable file management, and **OAuth 2.0**, **Firebase**, and **JSON Web Tokens (JWT)** for secure user authentication and role-based access control.

SOFTWARE ENGINEER INTERN

Florida International University Dept. of Mathematics and Statistics | Miami, FL | January 2022 - December 2022
- Directed a developmental team using **Agile** methodologies, leading sprint planning and managing testing phases to deliver high-quality application features on schedule.
- Crafted responsive user interfaces grounded in UX/UI best practices, utilizing tools such as **Axure RP**, **Adobe XD**, and **Figma** to create seamless, engaging experiences for web and mobile platforms.
- Designed comprehensive **system architecture**, including well-defined API structures and optimized database schemas, ensuring robust performance and long-term maintainability.

PERSONAL PROJECTS   https://www.sujithv.com

MedScope Demo - GitHub - Stack: **TypeScript, React, Node.js, Express, MongoDB, Mantine UI, API Integration**
- Designed for healthcare professionals, the user can receive personalized health assessments, symptom-based condition insights, health calculations including BMI and BMR, and comprehensive information on any drug or medical condition utilizing several medical APIs for health data and OpenAI Responses API for customized health care

Authentime App Store - GitHub - Web Demo - Stack: **TypeScript, React Native, Expo, OpenAI API**
- With 100+ paid iOS App Store subscribers, Authentime leverages AI image recognition models to analyze fine details of timepieces to verify authenticity

Modulo AI App Store - GitHub - Stack: **TypeScript, React Native, Expo, OpenAI API**
- Available in the App Store, Modulo analyzes open slots in your calendar and uses AI to suggest meaningful and personalized activities based on your interests for the remainder of your time.

TECHNICAL SKILLS

- JavaScript - TypeScript - Python - Java - C++
- React - Next.js - .NET - Angular - Rust - Go
- MongoDB - SQL - DynamoDB - Firebase
- AWS - GCP - Azure

- Generative AI - Cursor - AI Tools
- Ad Campaign Optimization - SEO
- API Design & Integration
- DevOps - System Design - CI/CD - Version Control