

KHALED TUJJAR

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EDUCATION

University of Central Florida
BS Computer Science GPA: 3.55

Orlando, FL
August 2020 - August 2024

TECHNICAL SKILLS

Languages: Java, C, C#, C++, Python, HTML, CSS, JavaScript, TypeScript
Developer Tools: React, Angular, TailwindCSS, Git, Eclipse, .NET, Visual Studio, Agile, Figma
Databases: Firebase, SQL
Platforms: AWS, Expo

EXPERIENCE

Sheefra Corporation

May 2024 - Present

Frontend Software Developer - Orlando, FL

- Designed and implemented visually engaging and user-friendly web interfaces, including buttons, navigation bars, forms, and layouts, using React and TypeScript, ensuring seamless functionality and an intuitive user experience.
- Optimized web application performance by implementing lazy loading, code splitting, and asset optimization (CSS, JavaScript, images), reducing page load times and ensuring smooth user interactions.
- Conducted in-depth code reviews and debugging sessions to ensure code quality, maintainability, and adherence to best practices.

PROJECTS

RocketDocs TypeScript, React, Tailwind

<https://github.com/ryanata/rocketdocs-frontend>

- Developed the frontend of a documentation generation tool using React and TypeScript, improving codebase documentation workflows.
- Integrated AI-driven language models (LLMs) to automatically generate documentation from GitHub repositories, increasing productivity for development teams.

Pwdly JavaScript, React-Native, Expo

<https://github.com/ryanata/password-manager>

- Built a secure cross-platform password manager allowing users to create encrypted vaults with master-password protection.
- Utilized React Native and Expo to ensure a seamless mobile and web experience, improving accessibility for users.

808s Engine C++, SDL2, Imgui

<https://github.com/KTujjar/808sEngine>

- Developing a custom game engine in C++ using SDL2 for hardware and software integration and ImGui for the engine's editor UI.
- Leveraging SDL2 to handle rendering, input, and window management while designing an intuitive editor interface with ImGui.
- Showcasing expertise in low-level programming, real-time graphics, and interactive UI development.

ACTIVITIES

Knight Hacks

August 2020 - May 2024

Member - Orlando, FL

- Developed multiple applications using Firebase, JavaScript, and Go, collaborating on diverse projects.
- Participated in hackathons, improving teamwork and rapid problem-solving abilities.
- Strengthened coding proficiency by working on competitive programming challenges, contributing to the success of team projects.