

Kelly Esquejo

Software Engineer
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Technical Skills

Language: C++, JavaScript, HTML, CSS, SQL, Typescript, x86 Assembly, MIPS, Python, Java

Tools/Frameworks: Next.js 15, React, Tailwind CSS, Node/Express

Education

University of Nevada, Las Vegas

January 2020 – May 2024

Bachelor of Science in Computer Science

- Relevant Coursework: Software Product Design, Compiler Construction, Data Structures, Analysis of Algorithms, Information Assurance
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Work Experience

Kellz.fun | Interactive Web App (Open Source)

January 2025 – current

Software Developer

- Spearheaded the development of an interactive website using **React and TypeScript in Next.js 15** framework, featuring a collection of fun and engaging web activities that showcase personal interests.
- Integrated Google Drive API and Joke v2 API to dynamically display images of cars for users to guess and Joke v2 generate random jokes.
- Implemented SEO best practices, including meta tags, structured data, and optimized page titles, to enhance search engine visibility and user reach.
- Styled using **Tailwind CSS** and developed **CSS and SCSS architecture** to follow responsive design protocols such as using rem, media queries, and theming to create a friendly UI/UX.

UNLV IT | IT Support

July 2023 – current

Computer Lifecycle Technician I

- Deployed new computer workstations and assisted with existing workstations to **meet IT hardware & software needs**.
- **Diagnosed and resolved hardware and software issues** efficiently providing quality solutions with timely resolution and high user satisfaction.
- Utilized System Center Configuration Manager (SCCM) and JAMF to install and configure Windows and macOS on endpoint systems for staff and faculty, ensuring compliance with university standards.
- **Communicated** with customers regarding updates and resolution steps through an IT ticketing system, TeamDynamix.

Cypher Vault | Password Manager (Open Source)

March 2024 – February 2025

Software Developer

- A user-friendly command-line interface (CLI) password manager, built using **C++** and **SQLite**.
- Implemented AES encryption for secure data storage and retrieval.
- Integrated multi-factor authentication (MFA) to enhance protection of user credentials.

Right Way | Personalized Trip Planning Web App

January 2024 – May 2024

Frontend Developer

- A web application prototype written in **JavaScript, React, and CSS**, developed by a team of 12, aimed at simplifying the planning process for trip recommendations.
- Project was showcased at the Fred and Harriet Cox Senior Design Competition.
- Collaborated with other software engineers to the development of the web application and a seamless UI/UX.
- Utilize CI/CD practices as part of the development workflow and track code changes through GitHub to automate builds and deployments.
- Executed thorough code reviews to ensure quality and maintainability.

References available upon request