Kaleck Hamm

Software Engineer

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Summary

Full-Stack Developer with 2+ years of experience specializing in the PERN stack (PostgreSQL, Express, React, Node). I'm really looking forward to potentially working at startups and challenging myself to be a great engineer.

Technical Skills

Programming Languages: **JavaScript | TypeScript | Python | C# | SQL | HTML | CSS**

Frameworks & Libraries: **React.js | Next.js | Prisma | Socket.io | React Native | Express.js | Socket.io**

Database & Industry Tools: **PostgreSQL | Docker | AWS | Git | Kubernetes | CI/CD | Postman**

Work Experience

Software Engineer, Mention   December 2024 - Present

Provo, Utah

Mention is a startup at the BYU Sandbox program that is an end-to-end encrypted messaging service

- Developed 20+ tickets(so far), mostly Front End features, following standard code practices using React, Typescript, and Node
- Participated in code reviews and team stand-ups, giving feedback and ensuring alignment with best practices
- Worked with product managers and backend engineers to align features with user requirements

Software Engineer, Copiers Utah   April 2023 - Present

Midvale, Utah

Alien Cafe is a mobile app built with Ionic React using TypeScript on the front end and Node.js backend, designed to foster discussions around thesis-driven arguments

- Principal engineer of [Alien Cafe](#), a social media mobile app focused on conversation and idea exchange, built with Ionic React and deployed in IOS and Android
- Developed core app functionalities, including user profiles, content creation, and real-time messaging, using WebSockets, PostgreSQL, and Prisma.
- Rebuilt [CopiersUtah.com's](#) user interface with JavaScript, CSS, and HTML, optimizing load times by 25% through image optimization and server-side rendering, built with React(Next.js)
- Designed and built [usa-toner.com](#), a toner ecom site and it's user interface with JavaScript, CSS, and HTML with React(Next.js)
- Boosted SEO ranking from 65 to 100, increasing overall traffic by 30%

Personal Projects

TwitClone: [Github](#) | [Site](#)

A React Native full-stack designed to mimic the core features of Twitter. The backend is built with Python using FastAPI, SQLAlchemy as the ORM, and another in Node using Prisma and PostgreSQL as the database. The app supports real-time updates via WebSockets, and Docker for containerization

- Developed a full-stack Twitter clone using React Native for the front end and Python (FastAPI) and Node.js (Prisma, PostgreSQL) for the backend
- Developed a backend with Next.js, using API routes to handle user management, content posting, and real-time updates—Integrated Prisma as the ORM.

- Implemented real-time updates using WebSockets and containerized the application with Docker.

Jukify: Github | Demo

Spotify Jukebox is a collaborative web app built with React(Next.js), integrating the Spotify API for playlist creation and Socket.io for real-time song additions and voting, backed by Node.js and PostgreSQL

- Conceptualized and developed a Full-Stack Spotify jukebox app allowing users to create collaborative playlists, with song addition and voting on Next.js
- Implemented real-time interaction features using Spotify API
- Implemented Socket.io to enable real-time data transmission, which includes live updates for song additions and live song voting

Education

Bachelor of Science in Software Engineering   **April 2024**
Western Governors University, Salt Lake City, Utah
Full-Stack Development   **January 2021**
DevMountain Coding Bootcamp, Lehi, Utah