Kristy Guo

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OBJECTIVE

Motivated software engineer with superior skills working in both team-based and independent capacities, problem solving, written and verbal communications, and organizational skills in any setting. Seeking to work in an environment where these skills can be expanded and mutually benefit a future employer.

SKILLS

Next.js, React.js, TypeScript, JavaScript, tRPC, Prisma, Zod, Vercel, AWS, GitHub, Express.js, Node.js, GraphQL, Apollo GraphQL, MySQL, Sequelize ORM, MongoDB, Mongoose ODM, Heroku, Git, Figma

WORK EXPERIENCE

SOFTWARE ENGINEER INTERN, TRUEBUILT SOFTWARE   SEP-DEC 2022

- Design and develop web-based application utilizing modern technologies - ES6, Next.js, TypeScript, Prisma, Zod, tRPC
- Work closely with product team and engineering team for features delivered in a sprint
- Perform quality competitive analysis and conduct meetings to discuss potential product enhancements
- Attend standup meetings to receive weekly tasks and mentorship from senior developers
- Follow an agile software development methodology and perform version control using Git and GitHub

SENIOR PROJECT ENGINEER, IRON CONSTRUCTION   2018-2022

- Oversaw full project lifecycle from pre-construction planning, design, estimating, execution to project closeout
- Conducted Owner, Architect and Contractor meetings, prepared and maintained construction project schedules
- Pulled permits from city departments and coordinated inspections in a timely manner
- Built project S.O.V. and precisely allocated budget among line items to maintain or improve targeted AGP

SELECT PROJECTS

ChatGPT Clone (Next.js, TypeScript, TailwindCSS, OpenAI API, Firebase, NextAuth, Vercel)   Live | github

A chatGPT inspired chatbot using the ChatGPT API to simulate human-like conversations and respond to user inputs in natural language.

- A fully responsive site with modern interface by utilizing TailwindCSS to define and style HTML elements
- Created api endpoints using Next.js to securely manage requests and used built-in routing to handle client-side navigation
- Connected Firebase v9 to store and sync data in real-time chats with chatGPT across multiple clients
- Used TypeScript to catch errors at compile-time instead of runtime which reduced the overall numbers of bugs and errors
- Implemented authentication library NextAuth to support authentication providers such as Google

Apple Shop (React, JavaScript, TypeScript, TailwindCSS, Sanity.io, FirebaseAuth, Redux)   Live | github

A responsive modern e-commerce website includes cart and checkout functionalities which buyers can place real electronic orders.

- Enabled payment processing platform Stripe to securely accept and manage online payments for electronic orders
- Managed product images, descriptions and details for the online store using Sanity.io and Sanity Studio
- Utilized FirebaseAuth to securely authenticate users in application using email and password
- Exercised shared state and data persistence across the entire app to achieve cart functionality using Redux Tool Kit
- Handled routing and navigation between pages or components using React Router DOM

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY
Full-Stack Web Development - Certification
UNIVERSITY OF CALIFORNIA, DAVIS
Bachelor of Science