

Edlan Kuo

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EXPERIENCE

Front-End Software Engineer - Freelance

Dec 2023 - Present

- Architected solutions to client's needs while concisely communicating technical information in scrum meetings to discuss app improvement, design modifications, and process walkthroughs.
- Designed and developed responsive company websites (SPAs) utilizing modern frameworks such as **Next.js**, **TailwindCSS**, and **Framer-Motion** for an elevated user experience.
- Gathered application analytics using **PostHog** to track user frequency, interaction, and overall site traffic.

Full-Stack Software Engineer - Apprenticeship

July 2022 - Feb 2023

- Developed over **50** full-stack applications from scratch to deployment, clocking in a total of **1000** hours of coding time to master the fundamentals of advanced web development.
- Led team of **4** developers as team lead in week long sprints, utilizing **agile methodologies** that resulted in a **30%** reduction in time to MVP.
- Built high-impact features using modern web development technologies such as **React**, **Javascript**, **Node.js**, with **Jest** testing suites to ensure code remained robust throughout development.

PROJECTS

Craft Course Learning AI

Technologies: Typescript, TailwindCSS, React, Prisma, PlanetScale, Next.js, OpenAI

- Developed a full-stack SaaS learning platform utilizing the power of AI to generate detailed units, chapters, and even a "end of course" quiz on any topic of choice.
- Integrated the usage of **OpenAI's API** with **Youtube's API** in order to query the most relevant video on the selected topic as well as transcribe a brief summary of that unit.
- Designed and implemented database relationships using Planetscale (**MySQL**) allowing users to experience more detailed chapters within each unit.

Facebook Messenger Clone

Technologies: Typescript, TailwindCSS, React, MongoDB, Prisma, Next.js

- Utilized modern technologies such as **MongoDB**, **Prisma**, and **Typescript** to create a full-stack Facebook Messenger clone with real time capabilities.
- Implemented a mobile-first approach while leveraging **Next.js** 13 features such as image optimization, file system routing, and asynchronous components to create a responsive web application.

EDUCATION

Alchemy Code Lab - Certificate of Professional Full-Stack Development

University of Houston - Bachelors of Science, Hotel Restaurant Management Honors

TECHNICAL SKILLS

Languages: JavaScript, HTML, CSS, SQL, TypeScript

Frameworks/ Libraries: React, Next.js, React-Native, Node.js, Express, Jest, TailwindCSS

Database: Planetscale, MongoDB, Supabase, Firebase