Daniel Tran

0451 495 982 | danieltran.softwaredev@gmail.com | GitHub | Portfolio | LinkedIn

Summary

Experienced full-stack web developer passionate about building responsive, high-performance user interfaces and transforming designs into functional, user-friendly experiences. Experienced in collaborative development, offering design insights, and solving complex challenges through pair programming. Proactive mindset with strong technical expertise, committed to delivering high-quality results efficiently.

Technical Skills

Languages: HTML, CSS, JavaScript, TypeScript, Svelte, C#, Python, Java, GraphQL
Libraries & Frameworks: React, Nextjs, Node.js, Express.js, Playwright
Databases: MySQL, MongoDB, Firebase
Tools: Git, Visual Studio Code, Visual Studio, Jira, PostMan, Vercel, REST API

Work Experience

Frontend Web Developer   01/2024 – present
Kashy Australia
- Created mock ups with figma for a website that handles internal operations of the company.
- Implemented the mockup with regular reviews from clients for improvement.
- Added functionality to manage and organise data, enabling streamlined processes for 8000+ customer records and inventory management of car parts and services.
- Connected the internal operations website to Xero SDK allowing users to perform internal operations. These operations include customer contact creation and invoice creation.

Technologies used:
- Reactjs, Typescript, CSS, MySQL, Express Js, Xero SDK

Frontend Web Developer   01/2024 – 08/2024
Creator Camp   *Contract*
- Transformed Figma designs into responsive web pages using Tailwind CSS, ensuring a seamless user experience.
- Developed a video uploader with Bunny.net CDN, streamlining daily uploads of 100+ videos and cutting transfer time by 90% by replacing manual Airdrop sharing. Automated video organisation by camp location, type, and date, boosted staff productivity.
- Created a check-in and check-out system using the QR-Scanner library, which streamlined attendance tracking, reduced check-in/check-out time and improved record accuracy.
- Developed a photo uploader designed in Figma, using Svelte and Tailwind for the UI, and implemented functionality with Firebase's byte upload functions.
- Built an automated email-sending endpoint using SendGrid and Day.js, enabling scheduled communications based on Firebase data. This automation reduced manual email handling, ensuring timely updates for parents and staff.

Technologies used:
- Svelte, Typescript, Tailwind CSS, Firebase, Bunny.net, Vercel, Sendgrid, Dayjs

Backend Web Developer   01/2024
HotHack Hackathon
- Developed a concert registration application that won 1st place in a three-day hackathon.
- Integrated NFT technology into event tickets, allowing users to collect unique digital mementos.
- Designed a user-friendly platform that enhanced event engagement.
- Collaborated in a team to conceptualise, develop, and pitch the winning solution.

Technologies used:

- Express Js, MongoDB, Sendgrid, GraphQL

Projects

Personal Website
Svelte, Tailwind Css, DaisyUI
- Ensured a clean, well-organised display with a smooth and intuitive user flow.
- Used DaisyUI components for rapid, UI designs.
- Developed a fully responsive design.
- Added subtle animations to improve user interactions and engagement.

To-do List
React, Tailwind Css, Express, MongoDB
- Implemented JWT for user authentication.
- Implemented middleware to use JWT to protect routes.
- Implemented a database enabling individual to-do lists for each account, ensuring personalised task management.
- Set up modals in MongoDB and utilised Mongoose for database operations.
- Set up API endpoints for CRUD operations in Express.

Personal Finance Manager
Nextjs, Tailwind Css, Prisma for MySQL, DaisyUI
- Implemented clean and smooth intuitive user flow UI designs.
- Utilised components of DaisyUI for rapid UI implementations.
- Set up MySQL database and Prisma.
- Connected Prisma to database for easier use of database operations instead of querying.
- Utilised Nextjs's serverless functions as API endpoints to create CRUD operations.
- Implemented middleware to use JWT to protect routes and refreshed the tokens when needed.

Education

Bachelor of Information Technology (Computer Science)   **2021 – 2023**
Queensland University of Technology

References

Kaise Foreman - Co-founder at Creator Camp
Contact: Kai@creatorcamp.org – 0490 449 481

Christopher Littlewood - Software Engineer at BAE Systems Australia
Contact: christopher@kashy.com.au – 0435 763 429