Daniel Tran

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Summary

Experienced software developer passionate about building scalable, high-performance applications that modernize processes to save time, reduce costs, and enhance customer outcomes. A strong communicator and team contributor who thrives in collaborative environments, aligning with cross-functional teams to solve complex problems effectively. Committed to delivering exceptional customer experiences by developing user-friendly software and leveraging best practices to drive impactful solutions. I embrace a mindset of continuous learning and adaptation, striving to see the big picture, listen first, and take ownership of challenges. With a focus on building leading technology solutions, I am eager to contribute to a culture that values innovation, accountability, and making a meaningful difference.

Technical Skills

Languages: HTML, CSS, JavaScript, Typescript, Svelte, C#, Python, Java, GraphQL
Libraries & Frameworks: React.js, Nextjs, Vue, Node.js, Express.js, Playwright, Jest, Prisma, REST API
Databases: MySQL, MongoDB, Firebase
Deployment: Vercel, Digital Ocean
Tools: Git, GitHub Actions, Visual Studio Code, Visual, Jira, PostMan, Agile, Docker

Work Experience

Fullstack Web Developer   04/2025 – present
Grace Simpkins Personal Tutors
- Maintaining legacy applications on vue and angular for 3 proprietary applications.
- In the process of updating code bases to the latest versions of vue and angular.
- Writing missing documentation that was missing from previous developers.
- Containerised applications to improve collaboration with other developers.

Technologies used:
- Vue, Angular, CSS, MongoDB, Express Js, Xero SDK, Docker

Fullstack 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

Fullstack 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

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.
- Implemented automated testing using Jest for api routes.
- Track incomes and expenses with categories.
- Budget based on the expenses categories.

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