

Albert Li

Full Stack Developer

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Career Summary

Passionate Computer Science graduate with 5 years of software development experience specialising in React, TypeScript, and Node.js. Proficient in full-stack development with a strong grasp of modern web technologies. Proven track record of adaptability, thriving in collaborative team environments, and continual self-improvement. Eager to leverage skills and passion for innovation to drive impactful solutions in a dynamic professional setting.

Technical Skills

- **Programming Languages:** TypeScript, JavaScript, Rust, Python, Java, C, SQL, Spark
- **Web Development Tools:** React, Tailwind CSS, HTML, CSS, SASS, Node.js, RESTful API, Bootstrap, Next.js, Flask
- **Database Environment:** MongoDB, PostgreSQL, Redis, Firebase
- **Additional Tools:** Postman, Docker, Git, Confluence, Excel, Figma, Balsamiq, Vercel, Netlify

Work Experience

Freelance Developer | Self-Employed

02/23 – Present

Duties and Responsibilities:

- Collaborating with clients to discuss requirements and provide feedback on features.
- Adhere to agile methodology ensuring clients are also involved with the development phase.
- Staying updated with industry trends, frameworks, and technologies through continuous learning.
- Focused on providing clients with the best service and prioritise meeting all their expectations and requirements.

Key Clients & Projects:

Content Management System (CMS) | Website: [ValeCMS](#)

07/23 – Present

Duties and Responsibilities:

- Creatively designed a CMS hosting multiple websites' backend including two below.
- Enabled clients to manage their website content which reflects their website live.
- Optimised the retrieval of large payloads of data reducing load times by a significant 73%.
- Enhanced database performance by optimizing queries and boosting response times by 40%.
- Implemented CSV importing feature transferring over 1,000 entries of data into the CMS.

Tools used: HTML, Tailwind CSS, TypeScript, Next.js, Node.js, React.js, Shadcn/RadixUI, Mongoose, MongoDB, Cloudinary, React-Hook-Forms, Rechart, Redis, Zod, Zustand, Stripe, Clerk, Postman, Git, Excel.

Dlitax, NSW | Website: [D.L.I Tax](#)

03/24 - 05/24

- Sketched and constructed a tax agent website for client.
- Implemented an intuitive user interface, encouraging users to contact tax agent for further information.
- Emphasise on website layout prioritizing Search Engine (SEO) Optimization.
- Ensured seamless browsing across devices with responsive design integration.
- Improved on previous website implementation, now enables client to modify website content using ValeCMS.

Tools used: HTML, Tailwind CSS, TypeScript, React.js, Next.js, Node.js, Firebase, Google Maps API, Emailjs.

Duties and Responsibilities:

- Designed and developed an E-Commerce website for client.
- Utilise APIs to fetch live data from ValeCMS, to ensure products and content are up to date for customers.
- Integrated secure payment checkout; payments, and orders are reflected on ValeCMS.
- Effectively implemented a product filtering system and search bar for faster navigation.
- Successfully fulfilled all client's requirements.

Tools used: HTML, Tailwind CSS, Typescript, React.js, Node.js, Next.js, RESTful API, Shadcn/RadixUI, Mantine, Tanstack, Google Maps API, Resend, Zod, Zustand, Stripe.

Coursework and Projects

UNSW Capstone Project | MyRecipe | University of New South Wales (UNSW)

05/21 – 09/21

Objective: Develop and deploy MyRecipe, a comprehensive full-stack website, as a capstone project for UNSW, focusing on efficient collaboration, thorough design, and optimization for high distinction evaluation.

Duties and Responsibilities:

- Led a team of 5, ensuring the timely delivery of iterations while strictly adhering to agile practices.
- Conducted a thorough design process creating low-fidelity designs using wireframing tools.
- Improved efficiency of PostgreSQL schemas, minimizing redundancy and enhancing database performance.
- Reinforce the usage of Gitlab's collaboration tools to improve cooperation.
- Completed the system with additional novel features, meeting all the project's requirements and achieving a high distinction evaluation for its design and implementation.

Tools used: Flask, PostgreSQL, HTML, CSS, JavaScript, Bootstrap, AWS S3, JQuery, Python, Google Sign-In API

Education

Bachelor of Science (Computer Science)
University of New South Wales (UNSW)

02/19 – 05/23

References

Available upon request