Aiden Wong

Full Stack Software Engineer

Innovative Full-stack Software Engineer with 8+ years experience crafting interactive, scalable web applications. Track record includes adept project management and leading teams to drive business growth through enhanced user experiences. Expertise spans end-toend project leadership, prioritizing clean code, performance optimization, and exceptional user-centric design. Committed to ongoing learning and up-to-date with industry trends to deliver cutting-edge solutions.

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🔲 portfolio-2023-aiden.vercel.app

📍 Singapore, Singapore

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SKILLSET

Frontend Development	● ● ● ● ●	Backend Development	● ● ● ● ●
Agile Project Management	● ● ● ● ●	Database Management	● ● ● ● ●

DETAILED TECHNICAL SKILLS

Frontend Development	Angular, Next.js, Astro, TailwindCSS, Headless	**Backend Development**	Laravel, Node.js, Django, GraphQL, Prisma, TypeORM
Database Management	MySQL, PostgreSQL, MongoDB,	**DevOps Tools**	Git, Docker, Jira

EDUCATION

Bachelor's degree in Computer Science
Hong Kong University of Science & Technology

09/2014 - 07/2018   *Hong Kong*

WORK EXPERIENCE

Full Stack Software Engineer
RightWeb

09/2022 - 01/2024   *Loganholme, Australia*

An IT company specializing in software development and IT consulting services for businesses worldwide.

Achievements/Tasks

- Successfully led the migration of legacy systems to modern technology stacks, resulting in improved scalability and performance of the applications.
- Introduced best practices for code documentation and version control, leading to increased collaboration and efficiency within the development team. This increased productivity by over 50%.
- Developed complex web applications and services using Angular, resulting in a 30% increase in website traffic.
- Implemented software design patterns and best practices, resulting in a 25% reduction in software issues.
- Optimized application performance by identifying and resolving bottlenecks in both front-end and back-end code.
- Collaborated in an Agile environment with regular team meetings facilitated through Slack for communication, Jira for project management, and Google Meet for virtual meetings.

WORK EXPERIENCE

Full Stack Developer
Tech Alchemy

02/2020 - 05/2022   *London, UK*

An IT company specializing in website development, creating cutting-edge and user-centric websites to help businesses.

Achievements/Tasks

- Led the development team in designing and implementing a scalable and responsive web application using modern technologies such as Angular for the frontend and Magic XPA for the backend, significantly improving user experience and performance.
- Enhanced the company's internal systems by architecting and implementing robust APIs and microservices, streamlining data flow and improving overall system efficiency.
- Implemented continuous integration and deployment practices, reducing deployment times by 50% and increasing productivity within the development team.
- Implemented security best practices, including encryption algorithms and security protocols, ensuring data protection and regulatory compliance for all applications.
- Conducted code reviews, mentored junior developers, and actively contributed to improving the overall code quality, maintainability, and performance of the systems.
- Managed databases and data storage solutions, including optimizing query performance, ensuring data integrity, and implementing data migration strategies for seamless updates and upgrades.

Frontend Developer
JobsDB

03/2019 - 01/2020   *Kent Ridge, Singapore*

Achievements/Tasks

- Spearheaded the migration of legacy systems to modern technologies, increasing system performance by 30% and reducing maintenance costs.
- Collaborated with product managers and UI/UX designers to create intuitive user interfaces and optimal user experiences for various web applications.
- Implemented a new CSS framework that improved site performance by reducing load times by 30%.
- Created a web app MVP for a store delivery management platform with 100+ business customers to create, manage, and monitor deliveries using React and Redux.
- Added new features to a meditation app with 5,000+ monthly active users to enable the uploading of audio and video content using React and Redux

PROJECTS

Data Management and Service System (12/2020 - 10/2021)
- Developed and Integrated efficient algorithms into the backend system to provide personalized recommendations to users, increasing conversion rates by 15%.
- Optimized database queries and data retrieval methods, reducing page loading times by 40% and enhancing overall system performance.
- Implemented automated testing frameworks and CI/CD pipelines, leading to a 50% reduction in regression issues and accelerating the release cycle.

E-commerce Platform (08/2019 - 01/2020)
- Developed custom modules and extensions using Laravel's Blade templating engine and Eloquent ORM to meet unique business requirements and enhance platform functionality.
- Implemented caching mechanisms using Laravel's caching features, reducing server response times and improving overall performance.
- Enhanced the platform's security by implement secure authentication mechanisms in Magic xpa and ensure that data exchanged between Magic xpa and Angular is encrypted and protected.

CERTIFICATES

Professional Meta-Backend Developer Certificate (03/2018 - 11/2018)

Web Applications for Everybody Specialization (05/2020 - 11/2020)