

# Aiden Wong

## Full Stack Software Engineer

Innovative Full-stack Software Engineer with 5+ 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-to-end 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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### SKILLSET

Frontend Development



Backend Development



Agile Project Management



Database Management



### DETAILED TECHNICAL SKILLS

#### Frontend Development

React, Vue, Angular, Next.js, Astro, TailwindCSS, Headless, Atomic Design

#### Backend Development

Laravel, Node.js, Nest.js, Django, Rust, GraphQL, Prisma, TypeORM

#### Database Management

MySQL, PostgreSQL, MongoDB, PlanetScale, Supabase, Firebase

#### 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 PHP and Laravel, 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 React.js for the frontend and Laravel 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 implementing Laravel's built-in security features, such as CSRF protection and input validation, mitigating potential risks and vulnerabilities.



## CERTIFICATES

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

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