

Wen Ming Lee

senior full stack developer

✉ leewenming009761@gmail.com 📍 Singapore

Profile

I'm a **Senior Full-Stack Developer** with over **5 years** of experience designing, developing, and deploying scalable web applications using **JavaScript, React, and Node.js**. I have strong expertise in both front-end and back-end development, focusing on creating dynamic user interfaces and efficient server-side logic. I'm proficient in technologies like **React.js, TypeScript, Angular, Vue, Next.js, Node.js, Django, AWS, Docker**, and **CI/CD**. I excel at working independently and collaborating with teams to meet deadlines and exceed customer expectations through clear communication and effective teamwork.

Skill

- **Front-End:** Javascript, React.js, Typescript, Angular.js, Vue.js, MUI
- **Back-End:** NodeJS/ExpressJS, Nestjs, Django, Laravel, GraphQL, RabbitMQ, Springboot, REST API
- **Mobile:** React Native, Flutter
- **CSS:** TailwindCss, Bootstrap
- **AI BOT:** ChatGPT
- **Database Programming:** MySQL, MongoDB, PostgreSQL, MS SQL, SQLite
- **Blockchain:** Ethereum, Smart Contract Solidity, Rust, Dapp, Web3.js, Ether.js
- **Other:** Git, SVN, Jira, Stripe, Trpc, Trello, Devops, Docker, AWS, Firebase, Three.js, CI/CD

Professional Experience

Inspius (Singapore)

10 / 2022—12 / 2024,

Senior Backend Engineer

- Actively engaged in the comprehensive lifecycle of web application development, from initial design through to testing, and finally deploying highly scalable solutions. My toolkit for these projects included advanced technologies such as React, Node.js, TypeScript, and GraphQL, ensuring modern and efficient applications.
- Collaborated closely with clients to accurately gather and define the specific requirements of each project, create detailed and comprehensive project plans, and meticulously manage project timelines. This close attention to detail and project management ensured the on-time delivery of all our projects.
- Focused intently on delivering applications of the highest quality, ensuring both security and exceptional performance. My efforts were concentrated on optimizing both the frontend and backend aspects of our applications, which significantly enhanced their overall performance.
- Leveraged the latest in blockchain technology to notably enhance the security of data and streamline the processing of transactions. This innovative approach not only improved the business efficiency significantly but also placed our projects at the forefront of technological advancement.
- I consistently met and frequently exceeded client expectations by delivering robust, scalable, and user-friendly applications. My focus was always on creating solutions that not only met the present requirements but were also flexible enough to adapt to future needs.
- Demonstrated a remarkable ability to work both independently and as part of a collaborative team, driving project success through innovative problem-solving and an expert level of technical expertise. My role often involved leading the charge in overcoming technical challenges and ensuring project milestones were met.

- Fostered a highly collaborative environment, contributing significantly to the development of new solutions and the discovery of opportunities to advance project goals. My efforts were key in promoting a culture of innovation and continuous improvement, which in turn led to the successful completion of numerous projects.

Swag Soft (Singapore)**8 / 2019—6 / 2022,***Senior Full Stack Engineer*

- Expertly developed and successfully launched cutting-edge functionalities for the company's flagship product, harnessing the power of React, Redux, and Node.js. This strategic innovation not only elevated the product's performance but also significantly boosted user satisfaction.
- Took the lead in seamlessly integrating a serverless architecture by utilizing AWS Lambda and AWS Amplify, which streamlined operations and led to a substantial reduction in server-related expenditures.
- Significantly enhanced the website's performance and the overall user experience by meticulously optimizing the code and integrating Material UI and Bootstrap. This initiative resulted in a user interface that was not only visually captivating but also highly responsive.
- Skillfully designed and managed a Microservices architecture, employing Angular, Docker, and RabbitMQ. This critical infrastructure supported the scalability of the system and the efficient management of complex business requirements.
- Creatively developed dynamic and responsive user interfaces using ReactJS and TailwindCSS, with a keen focus on minimizing page load times and maximizing rendering efficiency. These efforts were pivotal in boosting user engagement levels.
- Constructed and oversaw a comprehensive full-stack CRM application leveraging the MEAN stack and Django, providing a streamlined and effective solution for intricate customer data management challenges.
- Leveraged my expertise in Web3 technologies to pioneer the development of decentralized applications. This venture opened the door to innovative blockchain-based business models and opportunities, setting new industry standards.

Education

SCHOOL OF COMPUTER SCIENCE AND ENGINEERING,**2015 – 2019***Nanyang Technological University (Singapore)*