Wen Ming Lee

senior full stack developer

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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 / 2023—Present,
Senior Backend Engineer

- I actively engage in the full lifecycle of web application development, including designing, testing, and deploying scalable solutions utilizing cutting-edge technologies such as React, Node.js, TypeScript, and GraphQL.
- I work closely with clients to accurately identify their unique project requirements, develop comprehensive project plans, and adeptly manage project timelines to ensure on-time delivery.
- I excel both when working independently and as an integral part of a team, consistently meeting project deadlines and aiming to not just meet but exceed customer expectations with high-quality deliverables.
- I have utilized blockchain technology to significantly enhance data security and streamline the processing of transactions, demonstrating my ability to apply advanced tech solutions to practical business challenges.
- Through collaboration with colleagues, I have been instrumental in devising innovative solutions and creating new opportunities, thus driving the success and evolution of our projects.

Swag Soft (Singapore)   8 / 2019—6 / 2023,
Senior Full Stack Engineer

- I meticulously crafted and launched innovative functionalities for our company's leading product by leveraging the power and flexibility of React, Redux, and Node.js, bolstering product performance and user satisfaction.
- I spearheaded the integration of a serverless architecture through the adept utilization of AWS Lambda and AWS Amplify, streamlining operations and significantly reducing server costs.
- I successfully enhanced the website's performance and the overall user experience by meticulously optimizing the underlying code and strategically incorporating CSS frameworks such as Material UI and Bootstrap, creating a visually appealing and fluid user interface.

- With an eye for cutting-edge solutions, I initiated and consistently managed a Microservices architecture that seamlessly supported complex business requirements, making use of Angular, Docker, and RabbitMQ to ensure agility and scalability.
- I developed dynamic and responsive user interfaces utilizing ReactJS and TailwindCSS, focusing on optimizing page loading time and rendering efficiency, which resulted in a substantial improvement in user engagement.
- I was instrumental in constructing and overseeing a comprehensive full-stack CRM application tailored for businesses. This solution was built on the robust MEAN stack and Django framework, delivering an optimized infrastructure that streamlined customer data management.
- Venturing into the emerging realm of decentralized applications, I applied my technical expertise with Web3 technologies to develop innovative, blockchain-enabled web applications, paving the way for new business models and opportunities.

Education

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