


JAMES LIN

SR. FULL STACK ENGINEER

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SUMMARY

Innovative, task-driven professional with 6+ years of experience in web development across diverse industries. Proficient in developing databases, creating user interfaces, writing and testing codes, troubleshooting simple/complex issues. Have a great sense of understanding the business ideas clearly, writing easily understandable & clean and best-practice codes. Thrive in working in a high-tech environment with cross-functional teams using agile methodology.



EXPERIENCE

Senior Full Stack Engineer | Toptal

MAY 2022 - PRESENT

- Spearheaded the conversion of 200,000 lines of code from JavaScript to TypeScript; reduced bugs by 40% and improved developer efficiency by 30%.
- Improved web application rendering performance 10% faster
- Augmented test coverage by 90% using Cypress for e2e testing and Jest for unit & integration test.
- Mentored and trained 3 junior developers resulting in a significant 20% improvement in both quality and productivity, contributing to the overall success of the project.
- Managed a cross-functional team and coordinated with 6 business partners toward the successful launch of a project.

Full Stack Engineer | IT-scient

JAN 2019 – MAY 2022

- Reduced server costs by 50% by utilizing advanced knowledge of microservices architecture on AWS and the Serverless framework to migrate a legacy monolithic server.
- Implemented strong Authentication and Security using OAuth, JWT and to stick with native Node.js authentications used built-in crypto libraries like Bcrypt.
- Wrote 100+ unit tests per week to verify functionality of user interfaces, back-end processing, connectivity, and relational database interactions.
- Conducted code reviews, averaging 2000 lines of code per review, resulting in a 30% reduction in bugs and overall improvement in code quality.

Frontend Engineer | IT-scient

JUN 2017 – JAN 2019

- Collaborated with a team of designers and developers to create a responsive website

that increased engagement metrics by 40%.

- Achieved reduction of the time spent on development by 73% by creating maintainable, reusable components.
- Increased customer satisfaction by 100% by architecting a highly functional admin dashboard from scratch using TypeScript, React, and Redux.
- Collaborated with designers, product owners, and 7+ developers to identify and implement new features and enhancements



EDUCATION

Bachelor's Degree in Computer Science | University of Texas at Dallas

APR 2013 – JUN 2017

Earned a 3.6 GPA and completed relevant coursework in web development, database management, and software engineering.



SKILLS

- | | |
|--------------------------------------|-----------------------|
| • JavaScript/TypeScript | • Node.js |
| • React.js/Angular/Vue | • MongoDB/ PostgreSQL |
| • Redux | • GraphQL/REST API |
| • Python/Django/Flask | • AWS/GCP |
| • Jest/Cypress/React testing library | |