

# James Guo

## Senior Full Stack Engineer

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### Summary

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James is a senior software engineer with a demonstrated history of working in various industries, including eCommerce, finance, telecommunications, healthcare, and many others. His experience with full-lifecycle work across multiple fields makes him a valuable asset to any team. He also gained valuable experience working with startups, launching new projects from scratch. He has a deep understanding of both front-end and back-end technologies. He is a fast learner with a passion for technology and innovation.

### Education

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#### University of Edinburgh

Bachelor's Degree, Computer Science

2013 - 2017

### Skills

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React, Next.js, Vue.js, Angular, Redux, Mobx, Android, Nest.js, Node.js, Express.js, Spring Boot, Django, Flask, FastAPI, Laravel, Symfony, WordPress, Webflow, Web3.js, AWS, GCP, Azure, Docker, Kubernetes, GraphQL, RESTful API, MySQL, PostgreSQL, MongoDB, Redis, Firebase, WebRTC, WebSocket, Socket.io, Vimeo, LLM, LangChain, CI/CD, Jest, Cypress, PHPUnit, Enzyme, Git, Jenkins, Agile, Java, Kotlin, Python, JavaScript, TypeScript, Solidity, Go, HTML, CSS

### Experience

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#### Simform

##### Senior Software Engineer

06/2022 – 10/2024

- Developed and maintained high-quality software by adding features, fixing bugs, and writing unit and e2e tests to ensure robust code and system functionality.
- Made crucial decisions regarding tech stack and system design that had a significant impact on the success of the product.
- Designed and developed high-performance backend systems with technologies like Node.js, Express.js, PHP/Laravel, Java/Spring Boot, and Python/Django.
- Created scalable frontend systems using JavaScript/TypeScript (React, Next.js, Vue.js) with seamless backend integration.
- Led development, offered technical guidance, and contributed to decisions on Ethereum, smart contracts, DApps, NFTs, and Web3 integrations.
- Built and deployed cross-platform mobile apps using React Native, Java/Kotlin for Android, and Swift for iOS.
- Leveraged serverless architecture and AWS Cloud services (Lambda, API Gateway, Cognito, EC2, S3, etc.) for scalability.
- Identified and resolved technical issues, optimizing performance and addressing security vulnerabilities to maintain product quality

## Gigatron

### Full Stack Engineer

05/2021 – 05/2022

- Revamped an outdated legacy PHP application to a React and Node.js app, boosting performance by 50%.
- Collaborated with the design team in a deadline-driven environment to create appealing UIs using MUI, Chakra UI, and Tailwind CSS.
- Conducted system performance analysis and optimizations for improved scalability, reliability, and security.
- Integrated third-party APIs for payment gateways like PayPal and Stripe, and set up email and SMS services with Sendgrid, Twilio, and AWS SES.
- Ensured high-quality standards through unit and integration testing.

## Preveess

### Full Stack Engineer

05/2020 – 04/2021

- Spearheaded the development of an AI-powered healthcare platform to analyze health data and deliver customized nutrition plans.
- Developed the front and back end with React, Django, LLM, LangChain, PostgreSQL, and AWS.
- Employed secure APIs and interoperability standards for seamless integration with healthcare systems and electronic health records.
- Followed Test Driven Development (TDD) using Jest and Cypress for unit and end-to-end testing.
- Performed code reviews, and contributed to produce reusable, maintainable solutions.

## Andersen Lab

### Full Stack Engineer

03/2018 – 04/2020

- Developed expertise in React, TypeScript, and React Hooks to deliver robust, scalable web applications.
- Gained extensive experience in cross-platform mobile app development with React Native, ensuring seamless user experiences on iOS and Android.
- Utilized UI component libraries like Tailwind CSS, Chakra UI, Material UI, and Ant Design to enhance development and create appealing designs.
- Collaborated with cross-functional teams to provide end-to-end solutions for PHP, Laravel, and Symfony applications, ensuring cohesive user experiences.
- Provided technical guidance to junior team members, conducted code reviews, and led pairing sessions for code quality improvement.

## Andersen Lab

### Web Developer

08/2016 – 03/2018

- Developed and maintained web applications using React, Angular, Node.js, and Spring Boot, ensuring high test coverage through unit and end-to-end testing.
- Created and customized websites, web stores, and plugins for WordPress, Drupal, and Shopify, while supporting customer web servers.
- Updated LAMP stack applications with MVC PHP frameworks such as Laravel, Symfony, and CodeIgniter.
- Transformed design mock-ups into HTML5/CSS3 layouts, implementing dynamic elements and reusable libraries with JavaScript, jQuery, and PHP.
- Participated in agile development methodologies conducting regular sprint planning to deliver features in a timely manner.