

Lucas Martin

Senior Full Stack Engineer

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LinkedIn/Portfolio

Toronto, Canada

SUMMARY

As a full-stack developer with **9+ years of experience** in developing and maintaining web applications for various industries and domains, such as **e-commerce, influencer marketing, and digital media**. I have led and collaborated with cross-functional teams to deliver scalable, secure, and performant solutions, using a wide range of technologies and tools, such as **React, Node.js, PHP, Laravel, AWS, Stripe, Jest, Cypress**, and more. I have also implemented features and functionalities that enhance the **user experience and satisfaction**, such as **user authentication, content search, payment processing, and interactive UI**. I have also analyzed and optimized the **web application performance, security, and SEO**, using data-driven methods and best practices. I have a strong foundation in developing **end-to-end web applications**, and I am always eager to **take on new challenges and learn new skills and technologies**.

EXPERIENCE

Founding Full Stack Engineer

Outdefine

12/2021 - 11/2023 San Francisco, United States

- Led a **cross-functional Agile development team** to deliver a scalable **job market platform**, using **React** and **Next.js** for the frontend, **Node.js** for server-side logic, and **AWS services** for **deployment and infrastructure management**.
- Led the development and launch of **Outdefine**, a web3 job marketplace from ground up that connects employers and talent in the decentralized economy, using **React, Typescript, Tailwind, Redux**, and **Serverless lambda backend** hosted on **AWS**.
- Built key features such as **user authentication, job post and search, skill assessments, and payment processing** using **Stripe**.
- Architected a scalable and secure cloud-based solution that handled over **100,000 users and 5,000 transactions per month**, using **AWS services** such as **Lambda, S3, and DynamoDB**.
- Ensured the quality and reliability of the platform by conducting unit and integration testing with **Jest, RTL and Cypress**, and using **Sentry** and **Logrocket** for bug tracking and resolution.

Senior Full Stack Engineer

USA Commerce

06/2018 - 12/2021 Kennesaw, United States

- Collaborated with back-end developers to **create and deliver a fully functional CRM system** to improve customer acquisition and retention.
- Spearheaded the development and ongoing maintenance of **the influencer marketing platforms that connects brands with ambassadors**, using **PHP, Laravel, and MySQL** to deliver a robust and scalable web solution.
- Implemented features such as **press kits, content search, verified reach, follower testimonials, and month in review**, using best practices and tools such as **Webpack, and Lighthouse**.
- Optimized the website performance, security, and SEO, using techniques such as **caching, compression, encryption, and schema markup**.
- Ensured the quality and reliability of the website by conducting testing with **PHPUnit, and Laravel Dusk**.

Full Stack Engineer

Hilo Labs

08/2016 - 05/2018 Toronto, Canada

- Developed **microservices** using **Node.js** to build the **infrastructure** for the client's website, deployed the project on **AWS EC2 instances**, and implemented **CI/CD** by integrating with **AWS** and **GitHub** actions to contribute to performance improvements.
- Designed and implemented a **RESTful API** that improved web application performance and reduced average response time.
- Utilized **GitHub** and **JIRA** as version control and tracking units to ensure Project management and codebase organization.
- Facilitated a smooth MVP** release by coordination efforts between UI/UX designers and back-end developers.

Full Stack Engineer

Marz

10/2014 - 07/2016 Toronto, Canada

- Developed a **React, React hook, and Material UI** front-end web application for the mobile app and web dashboards.
- Spearheaded the successful refactoring** of the client-side web architecture to **introduce a reliable SPA**.
- Improved the speed and scalability of websites**, leading to a decrease in loading times and an increase in user satisfaction ratings.
- Implemented interactive user-facing features using **React, ensuring a smooth and efficient user experience** with maximum scalability.
- Utilized effective debugging tools** to identify areas of performance issues, resulting in improvement of client-side scripts.

EDUCATION

Bachelor's Degree in Computer Science

Singapore Institute of Technology

2010 - 2014 Singapore

SKILLS

JavaScript	TypeScript	React	React Native	Next.js	Vue.js	Angular	Svelte	Node.js	Express.js
Laravel	MySQL	PostgreSQL	MongoDB	RESTful APIs	GraphQL	Git	DevOps/CI/CD	Agile Methodologies	
Amazon Web Services		Google Cloud Platform		Microservices	Docker	Jest	Cypress		