

Kevin (Haoyu) Fang

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PROFESSIONAL SUMMARY

- Passionate full-stack web developer with skills in modern UI experiences and database technologies.
- Proficient in JavaScript, TypeScript, React, Angular, HTML/CSS, MongoDB, MySQL, GraphQL, Nodejs, Expressjs.
- Combined engineering and business management mindsets to pivot business prospects.
- Exceptional ability to work independently and collaboratively.

EDUCATION

AWS Certified AI Practitioner | October 2024

AWS Certified Cloud Practitioner | May 2022

Full-Stack Web Development Certificate - University of Toronto; Toronto, ON | July 2022

Master of Management - Schulich School of Business, York University; Toronto, ON | September 2020

Bachelor of Chemical Engineering - University of Western Ontario; London, ON | September 2019

PROFESSIONAL EXPERIENCE

Air Canada.; Toronto, ON

August 2024 - Current

Software Developer

- Contribute to the front-end development of the Aeroplan Dashboard application using AngularJS. Deliver high-quality code focusing on the highest accessibility standards, functionality, and performance.
- Ensure up-to-date documentation, including onboarding procedures, and propose new ideas of best practices to team members. Refactor the existing codebase to lower complexity and increase readability.
- Communicate effectively with team leads, QAs, and product owners, ensuring accurate expectations.

Skills: TypeScript, AngularJS, RxJS, NgRx, CSS, Jasmine unit tests, BitBucket CI/CD.

TVO Media Education Group.; Toronto, ON

December 2022 - August 2024

Senior Software Developer

- Contributed to full-stack development of an online education CMS platform with my expertise in React and Apollo GraphQL API development using MongoDB. Notable achievements are the development of the authoring experience of the platform, the schema of the database, and the linearity of the data changes.
- Developed key features in the application, emphasizing backward compatibility and code quality with unit tests in Jest. Researched and contributed to developing the software architecture, including introducing step functions in CDK and contributing to the microservice orchestrations.
- Refactored codebases and maintained front-end applications based on accessibility (AODA, voiceOver, ATAG).
- Volunteered to be the deployment coordinator in staging and production releases, ensuring smooth product delivery. Conducted agile methodologies for a successful delivery.
- Communicated effectively with other teams and addressed cross-team dependencies on tight schedules.

Skills: ReactJs, MongoDB, NodeJs, GraphQL API development, CSS, Jest, TypeScript, AWS CDK, GitLab CI/CD.

edX Inc.; Toronto, ON

September 2022 - August 2024

Assistant Coding Instructor

- Provided web-development bootcamp students instructional guidance in JavaScript, jQuery, React, Node.js, HTML, CSS, REST API, Handlebars, MySQL, and MongoDB.
- Tutored production-level software by providing structured code reviews and promoting understanding. Trained students to become self-reliant developers by detecting and resolving faulty code using appropriate online resources.
- Educated students with industry knowledge on top of the curriculum, including the importance of best code practices (including DRY code, TDD and BDD tests, naming conventions, and non-breaking schema changes.)