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, HTML/CSS, MongoDB, MySQL, GraphQL, Nodejs, Expressjs, jQuery.
- Combined Engineering and Business Management mindsets to pivot business prospects.
- Exceptional ability to work independently and collaboratively.

EDUCATION

AWS Certified Solutions Architect Associate | In Progress

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

AWS Certified Cloud Practitioner | May 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

TVO Media Education Group.; Toronto, ON   December 2022 - Current
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 CDK and contributing to the microservices 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 - Current
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.)

SK Electric Canada Inc.; Mississauga, ON   August 2021 - February 2022
Inventory Coordinator | November 2021 - February 2022
- Kept in close contact with the business customers with fast responses to their concerning shortages and proposed possible solutions, thus ensuring the successful deliveries of the manufacturing projects.

Mechanical Engineering Technician | August 2021 - November 2021
- Assembled and maintained the production routine of Electrical Power Transformers by adhering to lean manufacturing standards of wiring & Cable connections, electrical parts schematics, and quality inspections of each project.