ALEX FANG | JUNIOR SOFTWARE DEVELOPER

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SUMMARY

- Focused junior software developer with strong foundation in full stack web development and experience programming in a team environment.
- Skilled in identifying problem areas, recognizing the impact on the business and users, and prioritizing the implementation of appropriate solutions.
- Earned reputation for consistently meeting project deadlines and supporting team members.

TECHNICAL SKILLS

Languages:	C#, JavaScript, TypeScript, Python, SQL, HTML, CSS
Development Framework:	.NET Core, Node.js, React, React Native, Angular, Vue
Database:	MS SQL Server, MySQL, Postgres, MongoDB
Cloud Service:	Amazon Web Services, Azure
Other:	EJS, Docker, Kubernetes, GitHub Action, Jira, Confluence

EDUCATION AND TRAINING

Software System Development Program   Sept. 2023 – May 2024
British Columbia Institution of Technology   Vancouver, BC
MSc. Physics (Condensed Matter)   Sept. 2016 – Aug. 2018
Simon Fraser University   Burnaby, BC
BSc. Science (Comb. Honor in Comp. Sci. and Physics)   Sept.2012 – May 2016
University of British Columbia   Vancouver, BC

TECHNICAL EXPERIENCE

One Iota Performance Inc   Apr, 2024 - Present
Team Member – BCIT Industrial Client Project   Vancouver, BC

Developing a recommendation service that survey the athletes before an event and provide improvement recommendation after the event based on user inputted goals and results.

- Designing and building the database for the service in MySQL
- Implementing the recommendation logic with user feedback mechanisms.
- Implementing a clean but data-dense dashboard for displaying athlete performance metrics.

Nova   Jan. – Apr. 2024
Team Lead – BCIT Internal Project   Vancouver, BC

Designed and developed a fashion store website using .NET Core and razor view that handles checkout, authentication and authorization, review, and order fulfilment.

- Designed, built, and maintain the database schemas for the team.
- Led team members in their code design and assisted in the actual implementation.
- Implemented administrative features (create/delete product and discount, fulfill/cancel/refund an order).
- Created a responsive user interface to ensure compatibility across various screen sizes.

WORK EXPERIENCE

Clopen Optical Ltd   Sept. 2018 – Sept. 2023
Co-Founder   Vancouver, BC

Maintained all aspect of a business cycle and significantly reduced the time and cost of running the business through the use of technology.

- Implemented an ecommerce housekeeping app with React frontend and Flask (Python) backend that handles fulfillment, restocking, and monitors important metrics.
- Set up fulfilment environment and processes that, together with the app, reduced the daily fulfilment time from 2 hours to 10 minutes.
- Set up Power Automate script and PowerBI file to automatically retrieve bookkeeping documents from multiple ecommerce stores and generate reports, reducing work time from 1 hour to 5 minutes.
- Implemented a simple python script that uses Gmail API to allow salesman to send customized messages to potential leads in batches.

CERTIFICATION

AWS Certified Developer – Associate   Mar. 2023
AWS Certified Solution Architect – Associate   Feb. 2023
AWS Certified Cloud Practitioner   Jan. 2023

SELF-DIRECTED LEARNING

AWS Associate Level Courses – Udemy   Feb. – Apr. 2023
Modern React with Redux – Udemy   Nov. 2022
React and Node.js Microservices – Udemy   Sept. 2022

ADDITIONAL INFORMATION

Other Skills: Speak and Read Mandarin and Cantonese
Interests: Weight training, explore ideas to expand business, promote and help set up side hustle for friends
Portfolio: www.alexfang.ca