Edward Zou

587-890-1988 | edwardzou10@gmail.com | https://edwardzou.com | linkedin.com/in/edward | github.com/edwzou

TECHNICAL SKILLS

Languages: Java, Python, C/C++, PostgreSQL/MySQL, MongoDB, JavaScript, TypeScript, HTML/CSS, R
Frameworks: Angular, React, React Native, Node.js, Express.js, Next.js, Django, Expo, Spring, Bootstrap
Development skills: Git, Agile/Scrum, Version Control, CI/CD, Cloud Computing, Debugging, Unit Testing
Developer tools: GitHub, Docker, Jira, Bitbucket, Postman, VS Code, AWS, Azure, GCP, IntelliJ, Eclipse

EXPERIENCE

Software Engineering Co-op — Jan. 2022 – Aug. 2022
Dodge Construction Network — *Vancouver, BC*

- Developed high quality software and features in accordance with team requirements and feedback
- Successfully diagnosed and resolved a performance issue, resulting in a 30% increase in page rendering speed
- Implemented unit test code and provided assistance in additional relevant test automation
- Played a crucial role in advancing ongoing enhancements for existing and future systems, collaborating with cross-functional groups including Quality Assurance, Operations, and Client Services

Co-Founder and Chief Innovation Officer — Jul. 2019 – Jun. 2021
Popular Innovation Inc. — *Calgary, AB*

- Influenced and directed IT infrastructure to align with and drive critical business strategies and processes
- Applied advanced expertise in emerging technologies to successfully achieve critical business objectives
- Established agile and responsive teams for the milestones of both cloud-based and stand-alone systems, collaborated effectively across teams on various projects, and served as a member on the board of directors

Data Analyst and Blockchain Engineer — May 2021 – Aug. 2021
HACCTECH Ltd. — *Calgary, AB*

- Utilized Python/SQL to conduct various Data Analytic tasks, including data wrangling, exploratory data analysis, data trending, feature extraction, pattern interpretation, BI dashboard with Tableau
- Fully implemented blockchain ecosystem by integrating cryptography, Ethereum, coupling with designing, multi-threaded coding, testing, troubleshooting, and evaluating blockchain projects

EDUCATION

The University of British Columbia — Vancouver, BC
Bachelor of Science in Computer Science — *Sept. 2019 – May 2024*

PROJECTS

Flash | *JavaScript, HTML/CSS, Prisma, Node.js* — Jan. 2023 – Present
- Developed a full stack web app connecting students and tutors seamlessly, with user-friendly profiles for posting standard or expressed listings and personalized contact information
- Designed and implemented an intuitive UI and a smooth user experience with JavaScript for the front-end and a robust back-end system utilizing Prisma and Node.js featuring custom API endpoints

insightUBC | *TypeScript, JavaScript, HTML/CSS, Node.js* — Sept. 2022 – Dec. 2022
- Built a full-stack web app allowing users to query UBC campus metadata and search for courses
- Designed and optimized the user interface and front-end using JavaScript and HTML/CSS, while implementing functionalities in the TypeScript-powered Node.js back-end with a RESTful web server architecture

CERTIFICATION

Amazon Certified — Remote
AWS Certified Developer Associate (DVA-C02) — *Dec. 2023*
- Mastered core AWS services, comprehensive architecture best practices, and in-depth usage understanding
- Developed, deployed, and skillfully debugged cloud-based applications with optimal efficiency on AWS

Microsoft Certified — Remote
Microsoft Azure Developer Associate (AZ-204) — *Jul. 2023*
- Design and deploy Azure solutions encompassing compute, storage, and service consumption
- Secure, monitor, troubleshoot, and optimize Azure solutions, including third-party service connectivity