Zifeng Zhu

Applying to ... at ...

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Summary

Accomplished Software Engineer with comprehensive experience in both front-end and back-end development, showcased at industry leaders like Autodesk and IBM. Holds a Master of Engineering in Software Engineering and a Bachelor's in Computer Science from the University of Toronto. Proficient in a diverse array of programming languages and frameworks, with a strong foundation in the full software development lifecycle including design, coding, testing, and maintenance. Brings in-depth knowledge of web architecture and development techniques, committed to crafting efficient, scalable software solutions using object-oriented design and agile methodologies.

Experience

Autodesk   **2023-06-12 - 2023-09-29**
Back-End Developer

- Developed a backend tool integrating with LinkedIn APIs, achieving a 40% reduction in manual data replication.

- Conducted an in-depth analysis of the HTV team's database structure, optimizing the data processing workflow for over 4000 entries.

- Authored scripts to facilitate efficient database migration, enhancing overall system performance.

IBM   **2020-05-04 - 2021-08-27**
Front-End Developer

- Played a key role in the web design and development of the IBM OrderHub application, improving its performance by 30%.

- Designed and implemented end-to-end (E2E) automation test buckets, reducing manual testing time by 60%.

- Focused on optimizing web applications, significantly enhancing user experience.

DigitalXi Inc.   **2019-05-01 - 2019-08-31**
Full Stack Web Developer

- Successfully implemented new online marketplaces in the publishXi App using React, garnering over 500 positive user feedback.

- Built a zap integration for the publishXi App, connecting it with over 1000 popular apps.

- Developed a new WordPress theme for an online marketplace, significantly improving the user experience for purchasing digital content on the publishXi App.

Education

University of Toronto   **2022-09-10 - 2023-12-31**
Software Engineering   Master of Engineering

- Tech Lead for the Bronte BIA Walkability Strategy, enhancing community walkability through innovative research.

- Mentor in the Undergraduate Computer Science Program, guiding and inspiring future software engineers.

University of Toronto   **2017-09-06 - 2022-04-30**
Computer Science   Honours Bachelor of Science

- Awarded the Drew Thompson Scholarship for academic excellence in computer science.

- Leadership role in the Chinese Student and Scholars Association, supporting and uniting fellow students.

Skills

Java	**C++/C#**	**AWS**	**Python**	**MySQL**
Javascript	**React**	**Node.js**	**E2E Testing**	**Angular**
MongoDB	**API Design**			