Zhen Xu

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Cell: (416) 710-4222
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PROFILE

Highly motivated and results-driven software engineering student with a passion for technology and software development. Adept in front-end and back-end development with a strong focus on problem-solving. Continuously seeking new challenges and opportunities to improve and grow in the tech industry.

HIGHLIGHTS OF QUALIFICATIONS

- Proven experienced in JavaScript technologies including ReactJS, NextJs, and NodeJS (Express, Nest)
- Excellent problem-solving and adaptive skills, with a strong desire to learn new technologies
- Self-motivated and able to work effectively in a team
- Currently enrolled in the Software Engineering Technology Advanced Diploma program at Centennial College

TECHNICAL SKILLS

- Proficient in programming languages: JavaScript (ES6+), TypeScript, Java, C#
- In-depth experience with modern JavaScript frameworks and libraries including React, Next.js, Express, and Socket.IO
- Proven ability to design and develop RESTful APIs and GraphQL APIs
- Hands-on experience with AWS cloud services such as S3 Bucket, RDS, and Elastic Beanstalk
- Familiar with database management using MySQL, MongoDB, SQL Server, and DynamoDB

ACADEMIC PROJECTS

Tech Town - Social media web application
- Developed the front-end using ReactJS and Material UI, including pages for authentication, question posting, and chatting
- Implemented a real-time chatting module using Socket.IO and designed RESTful APIs with Express

Health-1 – Health information manage system
- Designed the user-friendly front-end using ReactJS and Material UI, including pages for patient dashboard, nurse listing, and diagnosis history.
- Implemented secure access to back-end server using GraphQL APIs and JWT middleware
- Integrated AI capabilities for health predictions using TensorFlow

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EDUCATION

Software Engineering Technology Advanced Diploma   **Sept. 2020 - Present**

Centennial College, School of Engineering, Technology and Applied Science. Toronto, ON

Related Courses:

- Web Interface Design
- Web Application Development
- API Engineering and Cloud Computing

- Advanced Database Concepts
- Software System Design
- Data Structures and Algorithms