# Jingwei Zhao

S O F T W A R E   D E V E L O P E R

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## PROJECTS

### Developer | MovieMuse Website

MAY-JUNE 2023, BRAINSTATION

- Developed a responsive and dynamic movie recommendation website using TypeScript, React, and Sass for the frontend.
- Implemented a server-side application using Node.js, Express, and MySQL for the backend functionality, including user authentication & authorization, database management, and API integration.
- Deployed the application using Heroku for the backend and Netlify for the frontend, ensuring seamless accessibility and scalability.

### Lead Coder | InStock Web Application

JUNE 2023, BRAINSTATION

- Led a team of four in developing InStock, a Single Page Application (SPA) for warehouse management.
- Oversaw the development of key features, conducted code reviews, and facilitated effective communication within the team.
- Employed Agile methodologies, including Scrum, and utilized Jira for seamless project planning and tracking.
- Implemented Git workflows to encourage collaboration, version control, and smooth integration of frontend and backend code.
- Leveraged Node.js, Express, MySQL, and Knex.js for robust server-side functionalities.

### Developer | BrainFlix Web Application

MAY-JUNE 2023, BRAINSTATION

- Developed BrainFlix, a dynamic video website with React, JavaScript, and HTML/CSS for an engaging user experience.
- Created a RESTful API using Express and Node.js for efficient data retrieval and management.
- Leveraged React's component-based architecture to ensure code modularity, reusability, and maintainability.

## EDUCATION

### BrainStation | Diploma, Software Engineering

APR 2023 - JUNE 2023, TORONTO, ON

### University of Waterloo | Master in Electrical & Computer Engineering

SEP 2013 - JUNE 2015, WATERLOO, ON

### Jiangsu University of Science and Technology | Bachelor in Measuring and Control Technology and Instrumentations

SEP 2009 - JUNE 2013, ZHENJIANG, JIANGSU, CHINA

## SKILLS

HTML/CSS, Sass, JavaScript, TypeScript, React, Node.js, Express, MySQL, Knex.js, Document Object Model(DOM) APIs, Web APIs, Jest, Agile Development, Scrum, Jira, Github, User Authentication & Authorization, Heroku, Netlify

## PROFILE

My strong motivation for software engineering stems from the endless possibilities it offers to shape the world through technology. The ability to turn ideas into tangible applications that solve real-world problems is what fuels my excitement and drive in this field, and also leads me to pursue a master degree in Computer Engineering. Combining my technical skills, strong problem-solving abilities, and unwavering enthusiasm, I am eager to embark on a fulfilling career as a full-stack developer and contribute to the dynamic and ever-evolving field of software engineering.