

Kevin Zhang

Full Stack Software Engineer

✉ mstr.zhang@gmail.com

🏠 mstrzhang.github.io

🌐 linkedin.com/in/mstrzhang

🔄 github.com/mstrzhang

🎓 EDUCATION

University of Toronto Scarborough

2015 to 2019 | Scarborough, Ontario

Honours Bachelor's of Science (H.BSc), Co-op Software Engineering Specialist

🏢 WORK EXPERIENCE

Systems Integration Lead @ Municipal Property Assessment Corporation

February 2020 to present | Pickering, Ontario

- Led team of 3 intermediate developers to design, architect, and develop end-to-end GIS application for a high-profile international client
- Worked with AWS Cloud suite to design and integrate SAML / OAuth authentication and authorization across all internal enterprise applications
- Participated in technical planning and architecture development with business leads and product owners
- Conducted weekly product demos to stakeholders and business owners

Systems Architecture Developer @ Municipal Property Assessment Corporation

May 2019 to February 2020 | Pickering, Ontario

- Created, deployed, and maintained geographic information system (GIS) tool created using Mapbox and React / Angular
- Developed and designed a global enterprise search microservice using React and Elasticsearch used to search for internal company specific files, documents, and properties
- Mentored and conducted rigorous code reviews for junior and co-op developers
- Participated in frontend architecture development with integration leads

Teaching Assistant @ University of Toronto Scarborough

January 2019 to April 2020 | Scarborough, Ontario

- Prepared and taught tutorial lessons for CSCB20 (Introduction to Databases and Web Development) and CCCC01 (Introduction to Software Engineering) with professors Abbas Attarwala and Ilir Dema
- Managed and presented classroom sessions to 60+ students
- Graded and assessed work ranging from quizzes, assignments, and examinations

Junior Systems Developer @ Municipal Property Assessment Corporation

May 2017 to April 2018 | Pickering, Ontario

- Assisted in the development and deployment of customizable SaaS property valuation engine for internal use and multiple external clients
- Maintained, developed, and updated internal business web applications using Angular framework in conjunction with PostgreSQL, Groovy, and Spring Boot
- Developed and tested applications on cloud environment using AWS suite, Docker, and Kubernetes

⚙️ TECHNICAL SKILLS

Programming Languages

Python, Javascript, Typescript, HTML, CSS/SASS, Java, Groovy, C, Scheme, Haskell, Lua, SQL, Ruby, MATLAB

Libraries and Frameworks

Angular, React, Jekyll, Electron, jQuery, VueJS, NodeJS, Express, Bootstrap, Semantic, Spring Boot, Sanic, Flask, Django, GraphQL, Mapbox

Tools

Bash, Git, Subversion, Kubernetes, Docker, Redux, MongoDB, PostgreSQL, Apollo, JIRA, AWS, Firebase, Excel, Vim

Design

Photoshop, Illustrator, Lightroom, Premiere, After Effects, Flash, Animate, XD

Spoken Languages

English, Mandarin

🔗 SIDE PROJECTS

Magic Maze

Web-based multiplayer game made with React, NodeJS, GraphQL, and MongoDB

T-Hub

Search engine made with Angular, Java, Lucene, and Tomcat

★ INTERESTS

Music, photography, teaching, travelling, hiking, cooking, graphic design, video games