

MATTHEW Y. AN

Full Stack Developer

@ myan5150@gmail.com

matthew-an.com

linkedin.com/in/mtthwn

github.com/mtthwn

08. 2019 **Full-stack Software Engineer** | **Knockri** - Toronto, Ontario, Canada



Present

- Rebuilt primary video/audio/written interviewing assessment application using React/Redux
- Designed reusable and scalable UI components using React design patterns and best practices
- Improved uploading protocols for candidate responses using optimized chunking and upload streaming to Azure storage containers
- Worked with Docker containers and Kubernetes for containerizing and deploying applications
- Developed multiple functions and endpoints in the GraphQL API (Django) and for other micro services

Tech Stack: Python with Django, GraphQL, React with Redux, Microsoft Azure SQL Database, Docker, Microsoft Azure

06. 2017 **Solutions Developer** | **Milliman** - Seoul, South Korea



01. 2019

- Lead implementation of Node.js tooling and Javascript best practices
- Developed database schemas and integrations for MongoDB and OracleDB
- Integrated internally developed software with some of South Korea's largest insurance companies
- Provided on-site consulting throughout the integration process to our clients, Tongyang (Ping An) Life Insurance, Hanhwa Life insurance, etc.
- Wrote technical and commercial English documentation for all products developed by the South Korean development team

Tech Stack: Node.js with Express, MongoDB with Mongoose, jQuery, C# .NET, OracleDB

05. 2013 **Solutions Developer** | **IBM** - Markham, Ontario, Canada



08. 2014

- Built interactive models for visually explaining IBM HADR (High Availability Disaster Recovery)
- Wrote documentation following the DITA standard
- Maintained troubleshooting documentation for DB2
- Delegated CRMs to proper teams and responded to clients first-hand through email and online forums

learning

University of Waterloo

Waterloo, ON - 2016

Rhetoric and Professional Writing (RPW)

Digital Media Studies Specialization

Projects / Hackathons

TypeBeast - [Link]

A multiplayer typing racing game built during my time at Lighthouse Labs

Capital One: Digital For Good 2020 - [Link]

Implemented Hackergal's online badging system

skills

Programming languages

Javascript, Python, Java, SQL

Web development

Django, Node.js, Express.js, GraphQL, React w/Redux, HTML, CSS, SCSS

Databases

MongoDB, Microsoft SQL, PSQL

Deployment and Version Control

Microsoft Azure, MongoDB Atlas, Docker, Heroku, Git, Github, Bitbucket