

MATTHEW Y. AN

Full Stack Software Engineer

 [myan5150](#)

 [mtthwn](#)

 [mtthwn](#)

08.2019 **Knockri** - Toronto, Ontario, Canada

Present **Fullstack Software Engineer**

- Rebuilt company's primary video application using React with Redux
- Designed reusable and scalable UI components using data schemas and React/Redux best practices
- Improved uploading protocols for candidate videos using optimized chunking and upload streaming to Azure storage containers
- Dockerized and deployed app on Azure DevOps with Kubernetes
- Integrated GraphQL for querying data and token-based authentication for web app

Technologies used: Node.js with Express, Python with Django, GraphQL, Linux, React with Redux, Docker, Microsoft Azure, Kubernetes

06.2017 **Milliman** - Seoul, South Korea

04.2019 **Solutions Developer**

- Lead implementation of modern Javascript tooling and best practices in Booster-ADS (Assumption Development System)
- Integrated Node.JS with Express as Booster-ADS's primary server framework
- Wrote all technical and commercial English documentation for both Booster FMS and ADS
- Provided on-site consulting for large South Korean life insurance companies when integrating Booster-ADS into their workflows (Tongyang Life Insurance, Hanhwa Life Insurance, and more)

Technologies used: Node.js with Express, MongoDB, OracleDB, C# .NET 4.5, Microsoft Azure, RHEL

05.2013 **IBM** - Markham, ON

08.2014 **Solutions Developer**

- Built interactive models for visually explaining difficult database-related concepts
- Wrote documentation following DITA standard
- Maintained and looked over troubleshooting-related documentation for DB2
- Delegated CRMs to proper teams and responded to clients first-hand through email and online forums

Technologies used: ArborText Editor, Oxygen XML Editor, DB2 (9.7, 9.8, 10.1, 10.5), RHEL

Lighthouse Labs

Toronto, ON - 2019

Web Development

Learned web-development fundamentals and enhanced my skills as a full-stack developer.

University of Waterloo

Waterloo, ON - 2016

Rhetoric and Professional Writing (RPW)

UDEMY

Advanced Node.js (S. Grider)

Modern React with Redux (S. Grider)

Complete React Web Developer Course (A. Mead)

skills

Libraries and frameworks

Node.js, Django, Express.js, Mongoose.js, React with Redux, SASS, Bootstrap, jQuery, Material Design

Programming languages

Javascript, Python, SQL, HTML, CSS

Databases

MongoDB, Microsoft SQL Server, Firebase

Platforms and services

AWS, Heroku, Git and GitHub, Azure, Kubernetes, Docker

Strong problem solving

Analyzing and calculating technical debt

Goal-oriented leadership