

# EMANUEL MATEUS

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## EDUCATION

**Concordia University**  
Bachelor of Engineering Software Engineering

Montreal QC  
Sep 2015 - April 2019

## EMPLOYMENT

### John Hancock

*Fullstack Software Engineer*

March 2023 - Present

- Build MFA workflows for user authentication in Manulife/John Hancock client portals using REACT, NodeJS, and .Net.
- Incorporated Feature Flags into the development lifecycle, significantly enhancing deployment flexibility and efficiency across multiple applications, and streamlining their testing processes.
- Engineered a new API middleware to facilitate the integration between an LDAP database and various in-house applications, bolstering data accessibility and inter-connectivity.
- Revamped the user interface of several client portals to align with Figma design specifications, employing React.

### Microsoft

*Software Engineer*

March 2022 - February 2023

- Implement a follow topic system that increased user engagement for topics on MSN by 27% using web components and .NET.
- Create a "Topics for You" page that would show a custom feed based off of user preference increasing ad revenue for topics pages by 2.4% using web components and .NET.
- Run experiments on new features by analyzing user behavior, monetization impact, and performance metrics through Azure Control Tower.
- Member of the livesite excellence crew which improved time to resolution of livesites by 60% by providing trainings, troubleshooting guides and queries enabling on call members to be better equipped to handle livesites.
- Work with designers to deliver a functional and complete user experience for multiple user experiences on MSN.
- Modify and build API responses to support new feature requests in MSN with .NET.

### Canadian Broadcasting Corporation

*Software Engineer*

April 2019 - March 2022

- Implement microservices to process thousands of media files per day using Python, RabbitMQ, and Celery.
- Create a pipeline to convert 5 petabytes of physical media to the specified digital formats using Python, RabbitMQ, and Celery.
- Build and maintain several internal media web applications using Flask, .Net, Angular, and MongoDB.
- Integrated a continuous deployment system for Montreal's broadcasting network of audio and video devices using Ansible, Python, and Jenkins.
- Create workflows that modify and distribute thousands of media files per day to various internal applications using Python.

## SKILLS

Programming Languages:	Python, .NET, React, Angular, Node, Java, Golang, HTML, CSS
Technologies:	Ansible, Jenkins, MongoDB, SQL, Rabbit MQ, Celery, AWS, Kusto
Languages:	Engilsh (Mother Tongue), French (Fluent)

## TECHNICAL EXPERIENCE

### Quality Doc *.Net, Angular, SQL*

Built a real-time web application for PDF review, management, version control, and statistical analysis for documents within a project or a team.

### Wheel Snipe Celly *Hugo, HTML, JavaScript, Scss*

wheelsnipecelly.info

Designed and developped a hockey related blog, including google analytics to track impressions made on the page.