

# MOUIZ AHMED

[mouizahmed.com](https://mouizahmed.com) | [mouizahmed1@gmail.com](mailto:mouizahmed1@gmail.com) | [linkedin.com/in/mouizahmed](https://linkedin.com/in/mouizahmed) | [github.com/mouizahmed](https://github.com/mouizahmed) | 647-513-3789

## Education

**York University - Lassonde School of Engineering**  
*Bachelor of Engineering, Software Engineering*

Toronto, Canada  
Sept 2020 – April 2026

## Professional Experience

**Ericsson**  
*5G Software Developer Intern*

Sept 2023 – Aug 2024  
Ottawa, ON

- Architected an energy efficiency **Python** script to **automate** the management of cell and sector activities on nodes, including powering off radios and disabling **eNodeBs/gNodeBs** during off-peak hours, **cutting energy use by 30%**
- Optimized and migrated to a new **test automation framework** for 5G software, writing **25+** comprehensive test cases in **JUnit**, reducing test execution time by **65%** and enabling **3X faster** release cycles for critical wireless features
- **Led** a team to develop an automated analytics platform using **React**, **Grafana**, and **Python** to automate **CLI** interactions with radio-tower nodes, ingested real-time performance metrics, and enabled predictive maintenance

**Chatbase**  
*Software Developer Intern*

May 2023 – Aug 2023  
Toronto, ON

- Developed a front-end customer support portal written in **TypeScript** using **Zendesk API** integration that **decreased ticket resolution time by 50%** and **improved user satisfaction scores from 3.2 to 4.5**
- Built a data export tool written that lets clients download chatbot conversation logs and analytics, **boosting customer retention by 18%**
- Designed and implemented scalable **Shopify**, **Facebook**, and **Wix** integrations for Chatbase's chatbot platform, enabling customers to seamlessly deploy their AI-powered chatbots on these platforms
- Standardized **RESTful API** documentation and authentication workflows using **Mintlify**, expanding the developer ecosystem to **50+ partners**

**York University - Lassonde School of Engineering**  
*Academic Peer Support Work-Study for ENG 1101*

Sept 2021 – Dec 2021  
Toronto, ON

- Mentored and supported new students, facilitating their transition into university life and fostering a sense of belonging on campus – resulting in a **25% improvement** in academic performance.
- **Hosted** community building events and workshops, fostering social connections and improving overall mental health.

## Projects

**RateThatClass** | [GitHub](#)

ReactJS, NodeJS, TypeScript, Jest, Python PostgreSQL, Docker, AWS

- A web service that allows users to anonymously review their post-secondary classes, currently with **100+ active users**
- Built a **Python web scraper** using **Selenium** and **Beautiful Soup**, scraping **10,000+** courses to populate all Ontario universities
- Developed a responsive Next.js frontend paired with a Node.js backend, designing RESTful API endpoints for review submissions, server-side rendering, and efficient course data retrieval

**CatchGPT** | [GitHub](#)

Python, Flask, Hugging Face API, PyTorch, HTML/CSS, jQuery

- A web tool that allows educators to determine if a piece of text was AI-generated with 90% accuracy.
- Calculates the perplexity per sentence, and burstiness via Hugging Face's pre-trained GPT2 model.
- Provides text metrics and graphs for a holistic approach to plagiarism detection.

## Technical Skills

**Languages:** Java, Python, JavaScript, TypeScript, HTML5, CSS3, SQL, Go, C, C++, C#

**Technologies:** React/Next.js, Express.js, Node.js, Flask, Django, AngularJS, Tailwind CSS, MATLAB, Maven/Gradle, Randoop, JUnit5, Jest

**Development Tools:** Git, Docker, Bash, Linux, PostgreSQL, Vector Database, Firebase, AWS, Azure, GCP, Jira, Jenkins, Cron