

# Ali Malik

416-524-2160 | [ialimalik99@gmail.com](mailto:ialimalik99@gmail.com) | [linkedin.com/in/alimalik99](https://www.linkedin.com/in/alimalik99) | [github.com/malimalik](https://github.com/malimalik) | Toronto, ON

## EXPERIENCE

### Software Developer

Dec. 2022 – Nov. 2023

*NeetCode*

*Canada, Remote*

- Developed a stats feature in collaboration with another software engineer using Angular, which allows users to view their course and problem-solving progress by using various filters. This feature is used by 1000+ users a day.
- Coded a course roadmap tool, which provided an ordered structure for the user to take courses in, helping fast-track their learning significantly. This was done with Angular, Bulma, and Firebase in the backend.
- Engineered a front-end feature which allows users to take quizzes on coding interview problems and suggests further questions based on the current question. Built with Bulma and Angular, this feature has been used by more than 10,000 users.

### Software Developer

Sep. 2021 – Sep. 2022

*IT Innovation Lab, York University*

*Toronto, ON*

*Full Stack Content Management System*

- Engineered the full-stack development and deployment of a unique Content Management System (CMS) for the University's IBM Watson Virtual Assistant Platform, utilizing React and Node.js. This CMS streamlined the AI training process for the University's Virtual Assistant, significantly improving user retention and the digital learning experience for over 49,700 undergraduates.
- Swiftly learned React, Node.js, and Material-UI. Made immediate contributions, including a feature which allowed users to add content to the Watson backend via a form. This feature is used by 20 active content contributors.

*Full Stack Course Offering System*

- Developed a full-stack course offering system using PHP, MySQL, and jQuery, streamlining the course approval process from 11 to 2 months for 11 faculties and 55,700+ students.
- Engineered a version history feature with JavaScript and MySQL, streamlining workflows by enabling tracking of course detail changes resulting in identification of the contributor.
- Collaborated in three different teams in an agile environment, refining requirements and showcasing sprint demos every 2 weeks, which resulted in shipping the product in 4 months.

### Software Developer

May 2021 – Aug. 2021

*Faculty of Health, York University*

*Toronto, ON*

- Solely developed a digital badge plug-in for the University's Learning Management System, utilizing PHP, JavaScript, and MySQL relational databases. The development and deployment processes were streamlined using a Docker containerized environment. This plug-in automated badge awarding and enhanced user experience through automatic email notifications.
- Developed a custom feature for the digital badge plug-in, enabling simultaneous awarding of multiple badges. This improved efficiency, streamlined the user experience, and contributed to a 15% increase in department enrollment.

## PROJECTS

**Design an Elevator** | *Java*  
GitHub

August 2023

- Designed, and developed a comprehensive passenger and service elevator system using object-oriented principles.

## EDUCATION

**York University**

Jan. 2019 – Oct 2022

*B.Com Information Technology, Honors.*

*Toronto, ON*

## TECHNICAL SKILLS

**Languages:** TypeScript, JavaScript (NodeJS), HTML5/CSS3, SQL

**Frameworks:** React, Angular, Express.js

**Developer Tools:** Git, Docker, GitHub

**Database Systems:** Firebase Realtime Database, Oracle Database, MySQL