Ali Malik

416-524-2160 | ialimalik99@gmail.com | linkedin.com/in/alimalik99 | github.com/malimalik | Toronto, ON

EXPERIENCE

Full Stack Developer   Dec. 2022 – Nov. 2023
NeetCode   *Canada, Remote*

- Improved user engagement and retention by developing a data analytics feature (Angular) that provided personalized course progress visualization with filtering options. Collaborated with another engineer to optimize insights, resulting in a 10% increase in course completion rates.
- Accelerated user onboarding and streamlined the learning experience by developing a course roadmap tool. Rapidly learned Angular and Bulma to deliver an intuitive UI, resulting in a 20% reduction in new user support inquiries.
- Enhanced user learning experience by designing a quiz feature (Bulma, Angular) that breaks down complex coding interview problems. This approach fosters better understanding and has been used by over 10,000 learners.

Full Stack Developer   Sep. 2021 – Sep. 2022
IT Innovation Lab, York University   *Toronto, ON*

Full Stack Content Management System

- Rapidly learned React and Node.js (no prior experience) to architect a scalable Content Management System that streamlined AI training for the University's Student Virtual Assistant (IBM Watson). This CMS empowered content creators, eliminating the need for weekly meetings with the AI Architect and significantly improving the AI update process, impacting 49,700+ students.
- Adapted the Formik library and collaborated with users and the AI team to design a user-friendly content upload form (Material-UI) that integrates seamlessly with Watson's approval workflow. This streamlined process empowers 20+ contributors and ensures high-quality training data for the AI.

Full Stack Course Offering System

- Accelerated course approvals by 82% through a full-stack system (PHP, MySQL - learned rapidly). Collaborated with a diverse team of 9 and incorporated user feedback to streamline the process for 11 faculties, reducing student wait times and impacting 55,700+ learners.
- Boosted accountability and streamlined team collaboration by architecting a scalable version history feature (PHP, MySQL). Designed a two-table solution to optimize data management, enabling easy error resolution and fostering transparent communication.
- Streamlined development and ensured timely delivery by leveraging Docker and WSL-2. Utilized Docker containers to guarantee a consistent development environment for myself and collaborators, leading to accurate sprint demos and adherence to the 4-month release schedule.

Software Developer   May 2021 – Aug. 2021
Faculty of Health, York University   *Toronto, ON*

- Boosted efficiency and user experience by automating badge awarding for the University's LMS. Developed a custom plugin (PHP, JavaScript, MySQL) with streamlined Docker-based deployment. Designed automatic email notifications to enhance the user feedback loop. 200 students impacted.
- Boosted efficiency and enhanced user experience by developing a custom feature that enabled simultaneous awarding of multiple badges. This streamlined workflows and directly contributed to a 15% increase in department enrollment.

EDUCATION

York University   Jan. 2019 – Oct 2022
B.Com Information Technology, Honors.   *Toronto, ON*

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (Node.js), PHP, SQL
Frameworks: React, Express.js
Developer Tools: Git, Docker
Database Systems: MySQL, Oracle DB, Firebase Realtime Database