

SHAMS MINAL RAHMAN

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[GitHub](#) [LinkedIn](#) [Website](#)

EDUCATION

York University

Toronto, Canada

Bachelor of Science – Computer Science

SKILLS & ABILITIES

Programming: JavaScript/TypeScript, HTML, CSS/SCSS, Java, C, MySQL, C++, Unix, Bash Scripting

Frameworks: Angular, Node.js, NgRx, React, Vue.js, JUnit, Xamarin, WordPress.org

Libraries: Jest, Redux, Material-UI, jQuery, RxJS

Developer Tools: Git, VS Code, Eclipse, IntelliJ, Visual Studio

EXPERIENCE

Bank of Montreal

Sept 2022 – Apr 2023

Software Developer Intern

- Created detailed reports on findings and proposed solutions to various software issues, leading to the **resolution of over 200+ bugs** using **Jasmin & Jest**.
- Managed **agile project development** and version control with **Git, BitBucket, Jira, and Bamboo** to drive code contributions, resolve tickets, deploy and merge pull requests, and ensure high code quality with daily pull request reviews.
- Implemented automated functions into the team's development tools **that reduced manual work by 50%** improving overall efficiency.
- Designed solutions, conducted unit tests, and assisted with final delivery of projects **with Angular & NgRx**.
- Collaborated with cross-functional teams, integrating **Figma** designs to enhance user experience and streamline processes.
- Assisted in launching a new online banking signing service, ensuring compliance with regulatory requirements for daily customer use.

Zodiac Group

June 2022 – Aug 2022

Android Developer Intern

- Managed integrations and data transfer using **RESTful API's**, resulting in a **20% reduction in data transfer errors** and a **30% improvement in data synchronization efficiency**.
- Developed a range of website pages **using HTML and CSS**, including pages for online product sales, support and contact, and a landing page, all in accordance with the client's pitch and mood board.
- Leveraged **Xamarin and C++** to convert commercial desktop software into cross platform mobile apps, increasing accessibility and reach.

PROJECTS

Digital Camera E-Commerce Platform

June 2023

MySQL, MySQL Workbench

- Designed and implemented a highly scalable MySQL database, accommodating a catalog of over 1,000 digital camera products.
- Employed optimized SQL queries, **resulting in a 30% improvement in data storage, retrieval, and manipulation operations**.
- Translated conceptual data models (ERDs) into well-structured relational schemas, guaranteeing accurate data representation, integrity, and **enhanced query performance by 25%** through strategic indexing and normalization techniques.
- Developed a comprehensive relational schema diagram** for a digital camera online purchasing system, streamlining transactions and inventory management processes.