

Elman Islam

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Canadian-American software engineer with 2 years of experience in web development and strong proficiency in React, Angular and Node. Highly knowledgeable in operating systems, development environments, front-end and back-end programming languages, and data architecture. Deeply conversant with system integration testing (SIT) and user acceptance testing (UAT).

EDUCATION

University of Guelph **Sep. 2020 – May 2025**
Bachelor of Computer Science: Major in Software Engineering (Co-op) *Guelph, ON*
GPA: 3.6 / 4.0

EXPERIENCE

Full-Stack Developer **Jan. 2024 – Aug. 2024**
NCR Voyix *Waterloo, ON*

- Designed and Developed new software features and **RESTful APIs** by using **Java** for the back-end and **HTML, CSS, JavaScript (including JQuery and Ajax)** for the front-end of a remote check deposit application
- Demonstrated exceptional problem-solving skills by detecting and fixing intricate bugs to enhance run-time performance by **20%** for important deliveries; leveraged Apache Ant to optimize various database operations.
- facilitated cross-channel banking with the **Spring Boot** framework and **Api Toolkit** to develop new features actively being used by 100+ varying branches of banks

Test Automation Developer **May 2023 – Aug. 2023**
The Co-operators *Guelph, ON*

- Ran automated test cases using **Eclipse IDE** and **Selenium** to debug and report defects in client software
- Designed and developed integration and functional tests using **Java** and **SQL** with automated web browsers
- Wrote documentation for several QA teams to provide feedback and code reviews for source code
- Regularly wrote and updated bug defects with Jira to accurately report details of existing issues

Frontend Developer **May 2022 – Dec. 2022**
Proofpoint Inc. *Toronto, ON*

- Built web application modules from scratch with **React** and **Angular** for client security software
- Developed object-oriented code in **Node.js** with **100%** accordance to industry and company standards
- Collaborated with a team of seven web designers to develop sleek and innovative UI design
- Learned multiple threading, design patterns, and their impacts on application concurrency

PROJECTS

Website Portfolio | *HTML, CSS, JavaScript* **June 2023 – Aug. 2023**

- Developed a front-end web application using only HTML, CSS, and JavaScript to display work experiences, education, and other personal projects at elmanislam.github.io

Mr.Focus (Web App) | *JavaScript, HTML, CSS, Bootstrap* **Jan. 2023 – Mar. 2023**

- Developed a Chrome Extension that provides an easy way of staying productive when faced with important tasks by restricting the users access to entertainment-oriented websites.
- Incorporated Chromium's chrome.alarms API in order to run reminders that the user sets up for themselves of upcoming events

TECHNICAL SKILLS

Languages: C, C++, C#, JavaScript, Typescript, Java, HTML/CSS, SQL, Python
Frameworks/Libs: Express, Node.js, NestJs, .NET, Angular, React, Bootstrap, Junit, Spring Boot
Developer Tools: Git, GitHub, MatLab, GitLab, Linux, Eclipse, Vscode, MySQL, Jira, Maven, Figma

AWARDS

\$3500 Entrance Scholarship **Sep. 2020**
Given to individuals with a 90% or higher average coming out of high school

University of Guelph Dean's Honors List **Sep. 2020 - present**
Achieved a semester average of over 80% (occurs every semester)