

# Mowahid Latif

**Personal Website/Portfolio - [mowahidlatif@hotmail.com](mailto:mowahidlatif@hotmail.com) - (204)999-3903 - [GitHub](#) - [LinkedIn](#)**

## **EDUCATION**

### **B.A. in Computer Science - University of Manitoba - September 2016 - April 2020**

I have a solid understanding of programming languages and frameworks, mastery of essential data structures and algorithms, and adhere to premier software development practices and lifecycle management. I possess comprehensive, in-depth knowledge of computer systems and have robust mathematical foundations, including algorithm development and data analysis.

## **EXPERIENCE**

### **Lead Software Developer - GrowDoc Inc - Ottawa, ON - January 2023 - Present**

Led the creation and launch of a high-traffic React web app, attracting 10,000+ monthly visitors for both desktop and mobile. Enhanced user experience with 20+ custom features, significantly improving platform functionality and usability. Improved code quality by 25% through systematic code reviews and adherence to best practices for the purpose of consistency. Developed and managed 15+ RESTful APIs, improving data exchange and integration with external partners and services.

### **Full Stack Software Developer - Indigpro Inc - Winnipeg, MB - January 2022 - October 2022**

Boosted user engagement with dynamic interfaces, increasing user activity and satisfaction. Developed 6+ large web applications, streamlining authentication, payment systems, and databases. Created CI/CD processes with the aim of reducing deployment times, reducing errors and improving code reliability. Applied SaaS solutions for location-based analytics, driving innovation and efficiency.

### **Software Engineer - Smartrend Manufacturing Group - Winnipeg, MB - February 2021 - December 2021**

Created department specific interfaces, resulting in improved user interaction, user experience and specific features. Managed large-scale projects, ensuring timely completion, successful deployment and client satisfaction. Improved internal software, resulting in less user complaints, simplifying the manufacturing process and thus saving time. Focused heavily on the quality of documentation, which improved the onboarding process and helped with development.

### **Software Engineer Intern - Poisson Consulting - Vancouver, BC - October 2020 - December 2020**

Designed data analysis tools, improving efficiency in data processing by 30%. Developed secure user interfaces, enhancing data visualization and user interaction. Implemented advanced searching and sorting algorithms, significantly improving data organization and ensuring consistent, readable data structures. Collaborated on secure interfaces such as Slack and Jira, showcasing effective teamwork, updating info and development skills.

### **Full Stack Software Developer Intern - Health Systems R&A - Toronto, ON - July 2020 - September 2020**

Developed mobile applications with flutter/React with the focus of improving front-end readability for elderly folks. Managed daily operations such as Code Reviews and Pull Requests, thus improving the overall codebase with consistent code. Led backend tasks such as storing machine learning data, images and other personal info into Firebase, ensuring save storage. Contributed to seamless project execution with Github Actions, ensuring all bugs and errors are caught before production.

## **TECHNOLOGIES**

### **Frontend Technologies:**

HTML, CSS, Javascript/Typescript, Python, C, React.JS, Next.JS and Gatsby.JS

### **Backend Technologies:**

Node.JS/Express.JS, MongoDB, Postgres, SQL/GraphQL, FAST-API/API and BASH Scripting

### **Cloud-based Technologies:**

Docker, Kubernetes, AWS, FireBase and Google Cloud Platform

## **PROJECTS**

### **Personal Portfolio Web App:**

Next.js, Typescript, SASS, Framer Motion, Animate.js - <https://mowahidlatif.netlify.app/>

### **C# Mini Games:**

C# - <https://github.com/MowahidLatif/CSharp-Mini-Games>

### **Modern Interior Web App:**

HTML, CSS and Javascript - <https://modern-interior-design.netlify.app>

### **Bash Script Automation:**

AWS, Python, BASH - <https://github.com/MowahidLatif/AWS-CLI-and-BASH>

### **BlackStone Programming Language:**

Python - <https://github.com/MowahidLatif/BlackStone-Programming-Language>

### **Car Rentals Web App:**

HTML, CSS and Javascript - <https://exotic-car-rentals.netlify.app>