

MOHAMMAD MAHBUB RAHMAN

FULL-STACK DEVELOPER

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OBJECTIVE

Computer Science graduate with a strong foundation in programming, problem-solving, and software development. Experienced in applying technical knowledge to real-world projects through academic, personal, and collaborative work. Eager to contribute to dynamic development teams, tackle complex challenges, and grow as a software professional in a forward-thinking organization.

EXPERIENCES + DUTIES

September 2023 – Present

Car Rental Agent – Avis Budget Group

Independently managing all aspects of the store, including car washing, customer service, reservations, rental agreements, and computer system operations, ensuring seamless operations and customer satisfaction.

April 2025 – Present

Quality Assurance & Planning Office Intern – Dawson College

Working with a small team to maintain and enhance a Django and Wagtail-based program management platform. Contributing to debugging, resolving AWS deployment issues, extending functionality, and setting up DevOps processes.

PROJECTS

“LinkNest” Full-Stack Social Media Platform

Developed a full-stack social media platform using TypeScript, Next.js, and Firebase in a collaborative team environment. Implemented user account creation, content posting, and a real-time updating feed sourced from Bluesky and the News API via scheduled cron jobs. Integrated encrypted real-time chat, video calling, and content interactions (likes, comments). Built a moderation system for harmful content management. Consolidated core social media features into a unified platform. Ensured stability and functionality through comprehensive unit testing with Jest.

LinkNest: <https://www.linknest.live/>

“Montreal Interests” Full-Stack Website

Collaborated with two classmates to build a full-stack website using React and JavaScript (frontend), along with Express, Node.js, and MongoDB (backend). Tested with Sinon, Chai, and Mocha, and used tools like Vite, ESLint, and Swagger. The website combines two datasets via custom APIs to let users check nearby construction sites on a POI map. Integrated a CI pipeline to deploy a production-ready version (without dev dependencies) to AWS VPS and Render. Optimized performance with text compression, lazy loading, and server-side caching.

GitHub: <https://github.com/MohammadRahman2005>

LinkedIn: <https://www.linkedin.com/in/mohammadrahman2005/>

EDUCATION

MAY 2025 - DEC COMPUTER SCIENCE
TECHNOLOGY – DAWSON COLLEGE

JUNE 2022 – DIPLÔMES D'ÉTUDES SECONDAIRES
(DES) – ÉCOLE SECONDAIRE SAINT-HENRI

PROGRAMMING LANGUAGES

- JAVA
- JAVASCRIPT/TYPESCRIPT
- C#
- PYTHON
- KOTLIN
- SQL & PL/SQL

SOFTWARE TOOLS

- GITLAB/GITHUB
- VISUAL STUDIO/VSCODE
- ANDROID STUDIO
- LINUX
- SQL DEVELOPER
- AWS

FRAMEWORKS

- ENTITY
- AVALONIA
- MONOGAME
- EXPRESS/NODE.JS
- FLASK/DJANGO/WAGTAIL
- REACT/NEXT.JS

OTHERS

- MONGODB
- JDBC
- FIREBASE
- GRPC/MQTT/SOCKETS

LANGUAGES

- ENGLISH (FLUENT)
- FRENCH (FLUENT)
- BENGALI (SPOKEN)
- HINDI (SPOKEN)

