Mohammad Mahbub Rahman
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SKILLS AND QUALIFICATIONS

Programming Languages + Frameworks: Java • Spring • JDBC • C# • Python • HTML/CSS • JavaScript • TypeScript • Node.js • Express.js • Next.js • React • SQL • NoSQL • PL/SQL • Kotlin • Flask • Django/Wagtail • Entity

Software Tools: Git • GitHub • GitLab • IntelliJ • Visual Studio/VS Code • Android Studio • AWS • Azure • Linux

Languages: French (Spoken & Written) • English (Spoken & Written) • Bengali (Spoken) • Hindi (Spoken)

EDUCATION

Diploma of College Studies – Computer Science Technology   **2022- 2025**
Dawson College, Montréal, QC
- Relevant Courses: Programming (OOP) 1-5, Web Development 1-5, Linux 1 and 2, Database 1 and 2, Mobile Development, Software Deployment (DevOps)

Diploma of Secondary Studies | *Saint-Henri Secondary School*, Montréal, QC   **2017-2022**

PROFESSIONAL EXPERIENCE

Operations and Systems Coordinator   **September 2023-Present**
Avis Budget Group, Montréal, Quebec
- Operate and maintain a Linux-based rental management system for real-time vehicle and contract coordination.
- Manage daily fleet logistics using data analysis and system reports to optimize vehicle distribution and availability.
- Conduct vehicle and contract tracing to identify discrepancies, resolve system errors, and ensure data accuracy.

Language Data Annotator   **June 2025-October 2025**
TransPerfect, Montréal, Quebec
- Refine AI-generated content for accuracy, safety, and compliance with client guidelines and quality standards.
- Perform thorough research across a wide range of topics to fact-check and validate the integrity of information presented in AI outputs.
- Identify, document, and analyze operational issues, contributing to process improvements and the resolution of technical challenges in a timely manner.

Full-Stack Developer Intern   **March 2025-May 2025**
Dawson College, Montréal, QC
- Developed and maintained a Django/Wagtail web application to standardize program manuals.
- Improved code stability and deployment workflows on AWS through debugging and DevOps support.
- Collaborated with a small team using version control and remote communication tools.

PROJECTS

LinkNest Full-Stack Social Media Platform - https://www.linknest.live/ (Academic)   **2025**
Dawson College, Montréal, QC
- Developed a social platform with real-time feeds, user accounts, chat, video calls, and moderation tools.
- Integrated external APIs (Bluesky, News API) via scheduled cron jobs to aggregate live content and maintain system reliability through unit testing.

Technologies: Next.js, TypeScript, Node.js, Firebase, Jest, REST APIs, Vercel, Azure, Cron Jobs, WebRTC

Montréal Interests Full-Stack Website (Academic)   **2024**
Dawson College, Montréal, QC
- Developed a web app that aggregates multiple datasets through custom APIs to display nearby construction sites around Montreal POIs on an interactive map.
- Deployed a production-ready version through a CI pipeline (AWS, Render) and optimized performance with caching, compression, and lazy loading.

Technologies: MongoDB, Express.js, React, Node.js, JavaScript, Mocha, Chai, Sinon, Vite, Render, AWS

Dapper Dudes Salon Website (Academic)   **2024**
Dawson College, Montréal, QC
- Built a salon web app simulating real booking experiences with role-based access (admin, visitor, professional).
- Implemented secure user authentication, encrypted passwords, and REST API integrations for dynamic data exchange.

Technologies: Python, Flask, Jinja, oracledb, NoSQL, RESTful API