Muntaqa Abdullah Mahmood

%Portfolio | ✉Email | %LinkedIn | ⌨GitHub | ☎647-570-1773 | ♥ Toronto, ON

EDUCATION

University of Toronto   Toronto, ON, CA
Bachelor of Science in **Computer Science** *- Specializing in* **Software Engineering**   *Sept. 2020 - Aug. 2025*
Key Courses: Engineering Large Software Systems, Web Development, Computer & Network Security, AI, Algorithms & Data Structures, Software Development & Design, Object Oriented Programming

WORK EXPERIENCE

Full Stack Developer | *TS, Node.js, React, Next.js, AWS, AEM, gRPC*   Sept. 2025 – Present
Four Seasons | Full Time   *Toronto, ON, CA*
- Architected and launched a **microservice** to replace legacy monolithic endpoints, improving performance and reducing infrastructure costs by thousands annually.
- Migrated legacy endpoints to scalable, maintainable services, improving **system reliability, performance, and deployment velocity**.
- Showcased new platform capabilities at internal **hackathons**, driving cross-team adoption of the modernized architecture.
- Integrated internal systems with **Salesforce** and other third-party platforms via secure **REST APIs** and automated data synchronization workflows.
- Onboarded and mentored **Senior and Lead engineers**, accelerating ramp-up and improving team development practices.

Full Stack Developer | *JS/TS, React, C#, .NET, Dojo, MySQL, Specflow* Sept. 2023 – Apr. 2025
Dayforce | Full Time - Internship   *Toronto, ON, CA*
- Built full-stack features across **React** and legacy **Dojo** UIs, **REST APIs**, and **MySQL stored procedures**; resolved production issues and improved **team velocity by 17%**.
- Led **test automation** using **SpecFlow, Selenium WebDriver, and C#**; validated major/minor releases and reduced cross-team regression effort by **15%**.
- Implemented **PII protection** via **data masking and encryption**, strengthening security and ensuring compliance with data protection standards.

Software Developer | *C#, .NET, SOAP, SQL, Angular, TFS, JavaScript*   Jan. 2023 – April 2023
Taq AI | Internship   *Toronto, ON, CA*
- **Upgraded .NET projects, implemented features & bug fixes**, regression tested projects.

Full Stack Developer | *SQL, React, Next.js, AWS(Serverless,S3), Webflow*
Oneness Education Foundation | Part Time - Contract   *Toronto, ON, CA*
- **Spearheaded the development of a web application** using **Next.js with React.js** for frontend and **AWS Serverless for APIs**, **providing scalability and high availability** and **minimizing operation cost by 30%**
- **Efficiently & developed new web pages** from scratch to support new features & business requirements.
- **Worked independently to deploy new releases with Vercel and GitHub Actions** to the customers.

Software Engineer | *Java, Spring Boot, Microservices, PostgreSQL, AWS* May 2022 – Sept. 2022
Amdocs Canada | Internship   *Toronto, ON, CA*
- **Engineered a Webhook Adapter micro-service** using **Spring Boot** to **enrich HTTP requests** from Webhook to external systems, **providing flexibility** and **minimizing operation cost by 15%**
- **Implemented new Web API endpoints** to efficiently handle REST callbacks from external systems, rigorously validated them with SwaggerAPI and Postman, while monitoring several **databases for optimal performance.**
- **Worked closely with DevOps** to document the **deployment of micro-services** in the company's wiki to **maintain consistency and ease** for future employed engineers, **reducing effort by more than 25%.**
- **Employed best coding practices** and **Object Oriented Programming** techniques to work efficiently with two cross functional teams on different software development projects while abiding by **Agile methodologies**.

TECHNICAL SKILLS

Languages: C#, Java, JavaScript, Typescript, Python, C/C++, MongoDB, SQL, HTML, CSS, Bash, Perl scripting
Frameworks: React, React Native, WordPress, Next.js, MS SQL Server, MS Office, Node.js, Postman, Veracode
Developer Tools: Git, Docker, Kubernetes, MS Windows, MS Excel, Visual Studio, React Dev Tools, IntelliJ, TFS
Cloud & Libraries: AWS (Lambda, Serverless, EC2), Azure, GCP, NuGet, pandas, NumPy, Automapper, Dapper
Open Source Contributions: Created a Steam API Toolkit for Langchain | link to PR