Ahamed Mohamed Wajibu
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SKILLS

- **Languages:** Python, C#, JavaScript, TypeScript
- **Frontend:** HTML/CSS, React
- **Backend & Frameworks:** .NET / ASP.NET Core, Flask, FastAPI, Node.js
- **Databases:** SQL Server, PostgreSQL, MongoDB
- **Data & Automation:** Pandas, Selenium, OpenCV
- **DevOps & Tools:** Git, Docker, Linux
- **Cloud & Practices:** Azure, REST APIs, Agile/Scrum, Unit Testing, Entity Framework

EXPERIENCE

Mitsubishi Heavy Industries   Mississauga, ON
Software Developer   Sep 2025 – May 2026

- Automated **90%** of repetitive Syspro service requests by building database-driven UI workflows in **C#**.
- Refactored Entity Framework services and queries, cutting latency by **~30%** and reducing redundant database calls across multiple modules.
- Helped implement an internal **RAG-based** assistant trained on in-house technical documents and integrating it via an HTTTPS-secured **Nginx** reverse proxy for API isolation.
- Built a complex dashboard for real time AI data management for **2,000+** documents, with multiple data integrity checks across multiple departments.
- Developed internal tools for real-time data visualization, authentication, and logging with **ASP.NET Core** and **SQL** Server.

D2DAnalytics   Mississauga, ON
Software Developer   November 2025 – December 2025

- Rebuilt authentication systems to use OAuth 2.0 / OpenID Connect with Microsoft Entra ID, enabling sliding login sessions and seamless reauthenticatio**n** across frontend and backend.
- Built a backend system that **archives and indexes X (Twitter) API data**, enabling historical access to content beyond the platform's native one-week window.

PROJECTS

ReelReddit | Flask, Reddit API, Azure, OpenCV, FFmpeg, YouTube Data API

- Built an automated content pipeline using **PRAW (Reddit API)**, **Azure Cognitive Services (TTS)**, and **OpenCV/FFmpeg** to transform Reddit threads into short-form videos.
- Implemented dynamic video compositing (auto-scaling, caption overlays, audio mixing) and automated upload to **YouTube Data API** for Shorts publishing.

InternFlow | FastAPI, People Data Labs API, OpenAI API

- Engineered a recruiter discovery + outreach system using **People Data Labs (PDL API)** and **OpenAI API** to extract, enrich, and rank candidate contacts.
- Designed a custom **scoring** pipeline (feature-based ranking + **LLM** evaluation) and prompt-engineered message generation for high-quality personalized outreach.

EDUCATION

WATERLOO UNIVERSITY | Bachelor of Mathematics   Waterloo, ON
Faculty of Mathematics   Expected May 2029
Relevant Coursework: Algorithm Design, Data Abstraction, Object-Oriented Software Development