

Ayaz Lockhat

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Skills & Qualifications

Programming • Python, Java, C, C#, SQL, SAS, JavaScript

Tools & Frameworks • React, JavaScript, Node.js, Git, Docker, Ubuntu, Bash

Competencies • Effective communicator with strong oral and written skills.
• Skilled problem solver with excellent time management abilities.
• Proven ability to work independently and collaboratively in team environments.

Work Experience

ATS Corporation

Cambridge, Ontario

UI/UX Software Developer

Jan. 2024 - Dec. 2024

- Developed responsive, user-focused interfaces with React, TypeScript, CSS, and SCSS, aligning design with modern UI/UX principles to enhance usability and consistency.
- Bridged frontend and backend with C# and SQL, using Docker for local environments to optimize API integration and data flow.
- Delivered presentations on UI/UX feature updates and authored clear documentation to support cross-functional understanding and ensure consistency across the development process.
- Collaborated in Agile sprints using Azure DevOps to manage tasks, track progress, and review pull requests, contributing to reliable and timely feature releases.

SAS Institute

Toronto, Ontario

Assistant Technical Consultant

May 2022 - Aug. 2022

- Interpreted large enterprise datasets using SQL and SAS to identify actionable business trends and support strategic decision-making for internal and client-facing projects.
- Improved data quality through regular audits and evaluations, resulting in increased accuracy and reliability.
- Supported the migration of billions of insurance records to Microsoft Azure cloud, delivering QA support and ensuring minimal disruption to ongoing operations for a top-tier Canadian insurance client.

Projects

ChatOTP 🔒

React, Python, FastAPI, ChromaDB, OpenAI LLM, Docker

- Built a full-stack AI chatbot for querying occupational therapy resources with real-time, context-aware responses.
- Integrated semantic search using ChromaDB and document embeddings to deliver accurate information retrieval.
- Designed a responsive UI with TailwindCSS and containerized the app using Docker for easy deployment.

ShareWize 🔒

React, Node.js, AWS, Bootstrap

- Developed a user-centric expense-sharing platform using React and AWS, simplifying bill splitting and expense tracking for enhanced financial transparency.
- Built a scalable backend with Node.js and AWS services, ensuring secure and efficient data handling.
- Led a team of four in an Agile environment, driving communication and timely product delivery.

Common Sense Coursebook 🔒

React, CSS, HTML

- Co-developed a real-time academic grades tracker using React, with a clean and responsive user interface.
- Focused on intuitive design to enhance usability and user engagement.

Discord Finance Bot 🔒

Python, Finance APIs, Docker

- Created a Python-based Discord bot to deliver real-time stock and crypto data via user commands.
- Dockerized the app for seamless setup, enabling scalable and self-hosted deployment.

Education

McMaster University

Hamilton, Ontario

Honours B.A.Sc. in Computer Science

Sept. 2020 - Apr. 2025

- **Core courses:** Data Structures & Algorithms, Principles of Programming, Discrete Mathematics and Applications, Introduction to Software Development, and Computer Architecture.