

# Ayaz Lockhat

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## Skills & Qualifications

**Programming Languages** • Python, Java, C, C#, SQL, SAS

**Frameworks/Technologies** • HTML, CSS, JavaScript, React, 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 user-centric interfaces using React, TypeScript, CSS, and SCSS, integrating API data with React hooks and Redux for efficient state management.
- Bridged frontend and backend with C# and SQL, using Docker for local environments to optimize API integration and data flow.
- Led presentations on new UI/UX features, authored detailed documentation for major updates, and ensured consistency across development environments.
- Collaborated in Agile workflows using Azure DevOps to manage sprints, track progress, and conduct pull request reviews, contributing to timely feature delivery.

### SAS Institute

Toronto, Ontario

Assistant Technical Consultant

May 2022 - Aug. 2022

- Analyzed and interpreted large datasets to uncover trends, enabling data-driven business decisions.
- Improved data quality through regular audits and evaluations, resulting in increased accuracy and reliability.
- Provided quality assurance by assisting a major Canadian insurance company in migrating billions of records to new Microsoft Azure cloud computing service, ensuring minimal disruptions to business operations.
- Enhanced my skills in SQL and SAS programming languages through ongoing training and development.

## 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.
- Applied semantic search with ChromaDB and document embeddings for accurate information retrieval.
- Developed a responsive UI with TailwindCSS and deployed using Docker for streamlined 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, ensuring high performance and secure data management.
- Led a team of four, fostering effective communication and agile practices to deliver a polished product on time.

### Common Sense Coursebook 🔒

React, CSS, HTML

- Collaborated with a team of developers to create a web-based application using React that allows users to track their grades and progress in real-time.
- Designed and implemented a responsive and user-friendly interface to enhance user experience.

### Discord Finance Bot 🔒

Python, Finance APIs, Docker

- Created a Discord bot using Python and Finance APIs to provide real-time stock/crypto data through user commands.
- Dockerized the application for seamless self-hosting and scalable deployment, simplifying the setup for users.

## Education

### McMaster University

Hamilton, Ontario

Honours B.A.Sc. in Computer Science

Expected 2025

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