

# Syed Ahmed

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## WORK EXPERIENCE

### Web Developer

*Fawaz Central (June 2024 - Present)*

- Used Figma to design high converting landing pages resulting in a 65% opt in rate
- Utilized HTML, CSS, JS in order to implement landing pages inside of go high level CRM
- Leveraged Go high level automations in order to create a seamless UX for clients
- Worked with cross functional teams such as marketing in order to optimize funnels

### VP of Technology

*WLU Muslim Students Association (June 2023 - April 2025)*

- Led a team of 7 to create [wlumsa.org](https://wlumsa.org) using popular technologies such as Nextjs, Typescript, and Tailwind CSS for an organization of 1500
- Optimized database queries and utilized caching techniques resulting in a 300% reduction to our postgres database
- Incorporated Server side rendering to improve webvitals, and SEO increasing traffic to website by 200%
- Utilized stripe API in order to incorporate payments resulting in a 10% increase to donations
- Implemented agile methods combined with reusable components to cut project timeline by 15%
- Created interactive content management system for stakeholders
- Collected and Analyzed data about key metrics regarding the club such as Event Signups: attendee ratio, Website traffic acquisition, community feedback and more in order to improve operations & report to stakeholders

### IT Administrator & Service Desk Communications Coordinator

*Ministry of Health (Sep 2023- Sep2024)*

- Automated report generation for managers using Jira API and JQuery and configured Jira workspace.
- Collaborated with a 12-member team to deliver IT solutions to 10,000+ Canadians in Ontario.
- Managed task delegation via Jira and documented workflows in Confluence to improve team efficiency and knowledge sharing.

## EDUCATION

### Wilfrid Laurier University

**Waterloo, Canada**

*Bachelors of Computer Science*

*April 2025*

- **Relevant Courses:** Intro to Software Engineering 1, Machine Learning, Artificial Intelligence, Databases 1 & 2, Foundations of Computing, Internet Computing

### Projects

#### Roadmap GPT

**2025**

- Built Roadmap-GPT, an AI-powered learning assistant that generates personalized learning roadmaps
- Implemented Retrieval-Augmented Generation (RAG) by combining Claude 3.7 Sonnet with OpenAI embeddings and Pinecone Vector Store, enabling the AI to ground responses in contextually relevant GitHub resources for more accurate and actionable learning roadmaps.
- Designed and implemented a scalable vector-based search system to match user queries with the most relevant learning materials from a curated corpus.
- Engineered a seamless authentication flow with Clerk and optimized real-time state management using Upstash Redis for session handling and progress tracking.

#### Ai Voice Interview Agent

**2025**

- Created an Ai interview app to help individuals ace technical and behavioural interviews
- Utilized open ai's realtime and whisper models to provide support for multiple modalities creating a seamless UX

#### League of Legends Game out Prediction Model

**2023**

- Developed and implemented machine learning models (K-Nearest Neighbors and Random Forest) to predict match outcomes in League of Legends, leveraging player and champion data.
- Utilized Multiple datasets and API's in order to collect relevant data resulting in more accurate results

## Technical Skills

**Languages:** Typescript, Python, C/C++, HTML/CSS, SQL/NoSQL

**Frameworks:** Nextjs, React, Django, Nodejs

**Developer Tools:** Git, Vscode, Fedora Linux, AWS, Azure, Google Cloud

**Libraries:** TailwindCss, GraphQL, Pandas, Numpy

