

Raeid Usmanali

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Aspiring software engineer with expertise in full-stack development, data visualization, and automation. Passionate about building scalable applications and solving complex problems.

EDUCATION

University of Waterloo

Bachelor of Computer Science

Waterloo, ON

Sept. 2024 – Aug. 2029

Wilfrid Laurier University

Bachelor of Business Administration, Minor in Economics

Waterloo, ON

Sept. 2024 – Aug. 2029

EXPERIENCE

Lead Developer and Data Science Intern

Islamic Forum of Canada

Aug. 2021 – Present

Brampton, ON

- Developed a full-stack web application using Next.js, React, TailwindCSS, and Firebase
- Developed a Payment Handling system with Stripe API and Firebase which services 500+ monthly donations.
- Explored NoSQL Databases, RMD Documentation, custom CLI Development, and Robotics

Office Clerk

Softtron Tax

Summer 2023

Brampton, ON

- Participated in a Collaborative effort to digitize 10000+ archived tax documents.
- Developed a Triage and Automation System to categorize and pre-process files.
- Functioned as a Firm Associate to aid in Filing 20+ GST Claims via CRA-Online

PROJECTS

Masjid API | *Node.js, Express.js, Typescript, API Routing, AWS Lambda*

November 2024 – Present

- Developed an all-in-one utility tool to mathematically calculate Solar Angles to determine prayer times
- Implemented features such as Religious text lookup, location data handling, timezone locating, and asynchronous cloud functions.
- Supports multiple local Mosque websites and mailing lists, serving 2500+ community members.

Portfolio Website - raeid.ca | *Next.js, React, TailwindCSS, Node.js Motion*

May 2024 – Present

- Created an extensible personal portfolio website showcasing various animations and custom components.
- Leveraged React and Framer Motion for smooth and engaging visual transitions.
- Planned work-in-progress features like a terminal-inspired portfolio interface.

GW2 API Visualization | *ShinyPY, Go, R, Shiny*

Summer 2024

- Built a data visualization tool to track item price trends using the Guild Wars 2 API.
- Provided users with the ability to select timeframes and specific items for price history analysis.
- Designed dynamic visualizations to present historical pricing data effectively.

LofiModoro | *Next.js, React, TailwindCSS, Spotify API*

February 2024 – May 2024

- Developed a simple Pomodoro clock with session sprint logging to enhance productivity.
- Integrated Spotify and YouTube APIs to play lofi music, including the LofiGirl livestream.
- Began expanding functionality to include user authentication and Firebase Firestore integration for session data storage.

TECHNICAL SKILLS

Programming Languages: JavaScript/TypeScript, Go, Python, Lisp, Swift, C, C++, Bash, SQL, R, Lua

Frontend Technologies: React, Next.js, TailwindCSS, Material-UI, Framer Motion

Backend and Tools: Node.js, Firebase, Supabase, Docker, GraphQL, REST APIs

Data Analysis Libraries: tidyverse, Ggplot2, pandas, NumPy, R

Developer Tools: Git, Google Cloud Platform, AWS, Zed, VS Code, Vim/Neovim, Sublime