

# SAADIA SHAHID

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## Education

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### Toronto Metropolitan University

Toronto, Canada

Bachelors of Science in Computer Science

September 2021 - June 2025 (expected)

- **Awards:** Dean's List (2021-2022), Microsoft x TechNation's Career Ready Program: Best Technology Solution (August 2022), USSTM Program Recognition Award for Computer Science (2024)

## Technical Skills

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**Languages:** Java, Python, C, C++, Unix, HTML/CSS, SmallTalk, Elixir, Rust, Prolog, SQL, Javascript, Typescript, Ruby

**Developer Tools:** IntelliJ, VS Code, Visual Studio, Replit, Azure, Android Studio, XCode, Unity

**Technologies/Frameworks:** Flutter, Github, OpenGL, React, NextJS, Tailwind CSS, Prisma

**Databases:** MySQL, MongoDB, Supabase, Firebase

## Experience

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### Lunar Hub

Greater Toronto Area

Founder and Project Manager

June 2024 - Present

- Spearheading the creation and development of an online directory for Muslim creatives in the Greater Toronto Area.
- Conducted UX interviews with community members to identify needs and incorporate desired features.

### Practical Applications in Computer Science (PACS)

Toronto Metropolitan University, Toronto

Frontend Lead

May 2024 - Present

- Leading the frontend development of an external client's portfolio website using **Figma**, **NextJS**, and **Tailwind CSS**.

### Women in Computer Science (WiCS)

Toronto Metropolitan University, Toronto

Vice President of Academics

May 2024 - Present

- Organizing technical workshops on introductions to Flask, Figma, and React teaching computer science students new technologies for their side projects.

### TerraHacks Hackathon

Toronto Metropolitan University, Toronto

Website Developer

May 2024 - August 2024

- Developed the frontend for the login, signup and application form pages of the hackathon application portal using **NextJS**, **TypeScript**, and **Tailwind CSS**, used by 400+ applicants.
- Implemented a dynamic redirection system to an "Applications Closed" page based on the application deadline.
- Set up an RSVP cap at a target number, utilizing **Supabase** calls to disable the RSVP button once the limit was reached to ensure a controlled number of participants.

### Microsoft Canada

Toronto, Canada

Business Program Manager Intern

May 2022 - August 2022

- Earned **Azure Fundamentals (AZ-900)** certification, showcasing a solid foundation in cloud computing.
- Received valuable mentor-ship by professionals at the workplace in **cloud computation architecture** and created a viable solution for the chosen case study in the hackathon.
- Developed an advanced customer feedback analysis system using **Microsoft Forms**, **SharePoint**, **PowerApps**, **Azure Cognitive Services**, and **Power BI Connectors**.
- Led a hackathon team to win "Best Technology Solution" with an innovative case study presentation.

## Projects

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### Saadia's Games - [Link](#) | [Github](#)

NextJS, React, TypeScript, Tailwind CSS, Vercel, Git, Github

- Building a **NextJS 14** app featuring Tic Tac Toe, Hangman, and Wordle, all in a cohesive Squid Game theme.
- Implementing interactive gameplay using **TypeScript** and **React** components, ensuring a seamless user experience.
- Designing responsive layouts with **TailwindCSS**, providing optimal viewing across different devices.
- Demonstrating strong problem-solving skills by building and debugging game logic, and implementing **state management**.

### Muslim Creatives Discord Bot

Java, Java Discord API, IntelliJ Idea

- Built a Discord bot with role-based slash commands for event management using **IntelliJ** and **Java Discord API**.

### WeatherThis - [Github](#)

Flutter SDK, Dart, OpenWeather API, Git, Android Studio

- Developed a mobile weather app using **Flutter SDK**, **OpenWeather API** in **Android Studio**, and **Git version control** to provide users with weather-based clothing recommendations.