Mohammad Affan Shahid

shahid62@uwindsor.ca | (519) 613-3487 | LinkedIn | GitHub **|** Portfolio

EDUCATION

B.Sc. Honours Computer Science with Honours Software Engineering Specialization　　　Expected Apr 2027
University of Windsor • Windsor, Ontario
- USRA (Undergraduate Student Research Award)
- AWS Certified Cloud Practitioner, AWS Certified AI Practitioner

WORK EXPERIENCE

Research Assistant　　　Sep 2025 – Present
WASP Labs • Windsor, Ontario
- Contributed to "Guess Who?", a multi-site WASP Lab research initiative analyzing LLM memory, inference, privacy perception, and human–AI collaboration with **100+ global participants**
- Designed **20+ experimental prompts** and **structured** Google Forms surveys, collecting **300+ responses** to evaluate **short and long-term AI recall** and profiling behaviors
- Collaborated with a **5+ student research team** to collect, clean, and analyze experimental data, supporting comparative evaluation of **LLM recall** and **inference patterns**

President　　　Apr 2025 – Present
Computer Science Society • Windsor, Ontario
- Managed **20 board members, 10 person dev team** and **represented 2,000+** Computer Science students
- Oversaw **$50K annual budget** to fund events, workshops, hackathons, student **initiatives**, and merch

Junior Network Technician COOP　　　Apr 2025 – Nov 2025
Nature Fresh Farms • Leamington, Ontario
- Supported IT operations, **troubleshooting** hardware and software issues for staff and systems, and **maintaining** smooth internal communication and data flow
- Onboarded and offboarded **100+ employees**, configuring company devices via **Meraki/Cisco**, provisioning software per role, and backing up files for departing staff
- Set up and maintained **server rooms and network lines** to ensure secure, efficient infrastructure
- Closed **1000+ tickets**, including workstation setup, server room maintenance, security camera troubleshooting, and testing **Priva greenhouse systems** and batteries

Software Engineer Intern　　　Aug 2024 – Nov 2024
JDC.ca • Leamington, Ontario
- Improved **PowerShell** packages with token passing, adding **20+ companies** to files on company software
- Integrated new **APIs**, expanding functionality and enhancing company experience for **50+ companies**
- Enhanced **error handling**, reducing user-reported issues by **23% for over 1000 users**

Seasonal Programming Instructor　　　Oct 2024 – Present
Al-Hijra Academy • Windsor, Ontario
- Coached school **robotics team** in an **Arduino-based competition**, earning **3 trophies** at the Genius Cup
- Guided **100+ students** to build **4 Pygame projects**, tailoring instruction by grade for progressive learning
- Taught programming to **grades 5–8**, covering **Python** basics through **20+ interactive lessons**

PROJECTS

GymClock | TypeScript, React.js, Next.js, SQLite, SupaBase, Figma, React Native, Expo, Swift
- 2nd Place at **CUSEC** (Canada's largest software engineering conference) for GymClock, a workout-based alarm clock app requiring users to complete a workout routine to deactivate alarms. Achieved **500+ wishlists**
- Built engaging landing page with **React, TypeScript, Supabase** for sign-ups and **data management**, and **mobile app** using **React Native, Expo, Swift** for alarm scheduling and workout completion/progress tracking

DociMate | TypeScript, React.js, Next.js, SQLite, Gemini
- Built DociMate document-processing web application using **TypeScript, React.js, Next.js, SQLite, and Gemini**, converting complex documents into **structured**, usable tables
- Led UI/UX and **frontend development**, earning **Best Overall, Best UI/UX, Best Finance** at WinHacks 2025 and **3rd Place** at Google DevFest 2025

Quikli | React Native, TypeScript, Spring Boot, SupaBase, Stripe API
- Built engaging landing page using **React, TypeScript, Figma**, integrating **Supabase** for **1500+ wishlists**
- Supported Quikli mobile app development, a verified local service marketplace using **React Native, Supabase, Spring Boot, PostgreSQL** with **real-time task management**, designed app mockup in **Figma**

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, C, C++, HTML, CSS, SQL
Dev Tools: React.js, Node.js, PostgreSQL, Git, GitHub, Pandas, NumPy, Next.js, MongoDB, REST APIs, Amazon EC2