ARSH AUSIM MOBEEN

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Canadian Citizen, Ambitious, Critical Thinking, Creativity, Resilience, Consistency, Relationship Building

BIOGRAPHY

Motivated software engineering student with experience in full-stack development, microservices, and cloud infrastructure. Skilled in Python (FastAPI), React, and PostgreSQL, with a proven ability to ship production-ready features in Agile environments. Proficient in AWS, GitLab, and Datadog, I thrive in fast-paced settings and am passionate about building impactful, data-driven solutions.

EDUCATION

University of Western Ontario — London,ON
B.E.Sc. Software Engineering — Sep 2023 - (Expected Graduation: 2027)

PROFESSIONAL EXPERIENCE

Elite Life Financial — Mississauga, ON
Software Engineering Intern — April 2024 - August 2024

- Developed internal tools using JavaScript and Python scripts, automating client data management and enhancing business workflows by reducing manual processes by 30%.
- Implemented full-stack solutions by translating project requirements into technical specifications, contributing to the end-to-end development lifecycle.

Western Formula Racing — London, ON
Electronic Design Engineer — Sep 2024 - Present

- Collaborated with cross-functional teams to integrate frontend and backend components with hardware subsystems, ensuring seamless alignment with overall design goals.
- Consulted with mechanical engineers and professional drivers to optimize sensor placement and data acquisition, improving system accuracy and vehicle diagnostics.

i3 Institute — Mississauga, ON
HR Copywriting Intern — June 2025 - August 2025

- Crafted technical and user-facing documentation for internal systems, improving clarity and accessibility for cross-functional teams including software, HR, and marketing.
- Collaborated with developers and department leads to translate complex ideas into clear, structured content across web platforms, contributing to improved team workflows and communication pipelines.

Amity Global Foundation — Oakville, ON
Strategic Partnerships & Engagement Associate — May 2024 - August 2024

- Facilitated strategic conversations with partners to understand their needs and tailored proposals accordingly, improving client-centered thinking and solution-oriented communication.
- Gathered and analyzed data on outreach performance to guide future engagement strategies, building comfort with data-driven decision-making.

PROJECTS

Accessible Outdoor Watering System *JavaScript, AutoCAD, Python*
Collaborated with a team to design and build an adaptive outdoor watering system for the stakeholder Hutton House, empowering individuals with disabilities to water plants independently

AI-Powered Traffic Light & Flood-Resilient Road Design *Collaboration, AI Logic, Arduino, AutoCAD*
Collaborated to design an AI-integrated traffic system using Arduino and water sensors to dynamically manage traffic during urban flooding. Designed civil road infrastructure with built-in drainage channels for optimized runoff control. Project nominated as a top finalist and awarded Excellence by competition judges.

Personal Portfolio Website *React, Javascript, HTML, CSS*   github.com/Smokey878/Arsh-sPortfolio
Designed a personal portfolio website to showcase projects and technical expertise using modern web technologies like React and TypeScript.

SKILLS

Programming Languages:	Java, JavaScript, Python (FastAPI), Typescript, C++, C#
Web Development:	HTML, Node.js, CSS, React, Frontend & Backend Development
Software & Mechanical:	AutoCAD, Solidworks, Simulink, PostgreSQL, Redis, Quartus, MATLAB
Software Development Lifecycle (SDLC):	Agile Development, Iterative Development, Microservices Architecture
Office 365:	Word, Excel, Powerpoint, SharePoint, Teams, Onenote