

JASMEET SALH

☎ +1-647-819-6263 ✉ jasmeet.salh@gmail.com

[in LinkedIn](#) [Github](#) [Portfolio](#)

Education

Toronto Metropolitan University(Formerly, Ryerson University)

Sep. 2022 – Apr. 2027

Bachelor of Science in Computer Science - Co-op Program

Toronto, Ontario

Experience

OPG - Ontario Power Generation

Jan. 2025 – Present

Software Engineer Intern

Oshawa, Ontario

- Spearheaded end-to-end development of an enterprise-grade web application adopted by 6 departments, modernizing critical paper-based workflows in a high-compliance nuclear environment.
- Developed full-stack solutions using **Angular**, **.NET C#**, **SQL Server**, and **Azure**, with secure **OAuth2-based SSO** and role-based access control.
- Integrated an **AI-powered report generation tool** that cut 10–50 hours of manual work down to seconds, significantly enhancing compliance and accountability.
- Implemented CI/CD pipelines with **Azure DevOps**, including automated builds, tests, and deployments to internal IIS servers with high availability.
- Conducted stakeholder interviews, led cross-functional meetings, and communicated system architecture to non-technical and technical teams to gain organization-wide buy-in.
- Authored comprehensive documentation using **VitePress**, including system architecture, onboarding guides, and departmental user manuals for seamless knowledge transfer.

OPG - Ontario Power Generation

Sept. 2024 – Dec. 2024

Data Analyst & Visualization Intern

Oshawa, Ontario

- Extracted and transformed large datasets using complex **SQL** queries in **SSMS** to support data-driven decision-making across multiple teams.
- Developed interactive **Power BI** dashboards to visualize performance trends, operational KPIs, and compliance data for executive reporting.
- Automated repetitive Excel reporting workflows using **VBA macros**, saving 120 hours per month across a 40+ person team.

Let's Talk Science

Nov. 2023 – Sept. 2024

Coding Instructor (Volunteer)

Toronto, Ontario

- Facilitated engaging, hands-on coding workshops for children, sparking interest in STEM through creative problem-solving activities.
- Mentored large virtual classrooms via video conferencing tools, promoting inclusive learning and collaborative environments.

Projects

PilotAssess - Human Performance Tool | *Angular, .NET, EF Core, SQLite, Apache Server*

Feb. 2025

- Developed a performance testing platform mirroring enterprise use cases from OPG, enabling dynamic test generation, automated grading, and robust data tracking.
- Integrated real-time feedback and responsive UI using Angular, with a modular C# backend and secure authentication layers.
- Emulated secure environments using VMs and Apache, simulating real-world deployment scenarios for resilience testing.

Movie Recommendation System | *Python, Flask, Jupiter Notebooks, AWS EC2*

June 2024

- Developed & Deployed a machine learning-based movie recommendation system using Jupyter Notebooks for data processing and Flask for application development on AWS EC2 Instance.
- Utilized a large dataset to train the recommendation model, focusing on content-based filtering to suggest movies based on user preferences and movie attributes.

Technical Skills

Languages: JavaScript, TypeScript, C#, Java, Python, SQL, HTML, CSS, VBA

Frameworks & Libraries: Angular, React, Next.js, ASP.NET, Entity Framework, TailwindCSS, Node.js

Developer Tools: Git, GitHub Actions, Azure DevOps, VSCode, Postman, JIRA

Database Technologies: SQL Server, MySQL, PostgreSQL, SQLite

Cloud & DevOps: Azure (App Services, OAuth2, CI/CD), AWS EC2, IIS, Supabase

Other: Power BI, Excel (Advanced), VitePress, Agile/Scrum, CI/CD Pipelines