

Jasmeet Salh

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

Summary of Qualifications

- **Ambitious Software Engineer Intern** with a proven track record in developing internal tools, automation, and data analytics solutions for a 320-person team in a nuclear power generation setting. Skilled in Angular, C#, Power BI, SQL, and automation with Power Automate, significantly improving operational efficiency.
- **Strong coding and mentoring abilities**, demonstrated through volunteer work as a coding instructor, where I effectively coached and engaged students in programming fundamentals, fostering problem-solving skills in a collaborative, remote environment.
- **Skilled communicator and team player**, capable of leading and collaborating in cross-functional teams, including guiding data analytics initiatives and working within Agile development cycles

Experience

Software Engineering Intern, OPG (Ontario Power Generation)

Sept 2024 – Present

- **Engineered a web application integrating internal systems into a single platform**, akin to Microsoft Planner, Calendar, and Jira, enabling managers to streamline team workflows. The platform is projected to **save the company \$1.3 million annually** by reducing inefficiencies.
- **Developed and maintained internal tools** using Angular, C#, Microsoft SQL Server, and Power BI, supporting data analysis, reporting, and **automation for a 320-person team**, reducing operational tasks by **over 500 hours annually**.
- **Optimized task efficiency by developing a streamlined solution** that cut specific task time from hours to minutes, leveraging Microsoft Power Automate and custom SQL scripting.
- **Led data analytics initiatives** by designing and implementing interactive dashboards in Power BI, transforming raw data into actionable insights for cross-functional teams.

Coding Instructor Volunteer, Let's Talk Science

Nov 2023 – Present

- Coached kids, providing tailored guidance and support to enhance their understanding of coding principles by crafting dynamic and hands-on lessons fostering a love for problem-solving.
- **Demonstrated leadership** by cultivating a collaborative learning environment and effectively managing large groups of kids.
- Utilized video conferencing platforms to conduct virtual lessons, ensuring **effective remote communication and learning**.

Projects

[Project Management Application](#) | JavaScript, Node.js, Postgres, Tailwind, Axios

Jan 2024 – Feb 2024

- Collaborated with a team of two friends to develop a Jira like application, demonstrating proficiency in a variety of technologies.
- Implemented robust backend functionality using Node.js and Postgres for data storage, ensuring seamless communication between the frontend and backend.

[Roomies: Roommate Management Mobile App](#) | VB.NET, JIRA, Figma, Git

Oct 2023 – Nov 2023

- Demonstrated proficiency in Visual Basic, employing OOP practices to develop a robust multi-page application.
- Collaborated effectively within a team environment using Jira, following a structured Agile software development cycle.
- Conducted thorough testing to refine app's functionality, while identified issues sand delivering a user-friendly experience.

[Feather Weather Application](#) | JavaScript, Node.js, Express, Axios, Tailwind, API Integration

May 2023

- Developed a full-stack web application using Node.js, Express.js, and EJS/HTML5 for frontend rendering.
- Integrated the OpenWeatherMap API through Axios to dynamically retrieve and display real-time data.

[Music & Podcast Terminal Application](#) | Java, OOP

Feb 2023 - April 2023

- Created a terminal-based music application in Java, showcasing expertise in core programming principles.
- Designed an intuitive user command line for easy song selection by criteria like artist and genre.

Education & Certifications

Toronto Metropolitan University (Formerly, Ryerson University)

Computer Science(BSc) – Co-op Program (CGPA: 3.67)

Toronto, Canada

Sept 2022 – Apr 2027

Web Development Bootcamp Course - Udemy

Mar 2023 – Dec 2023

Software, Languages & Tools: JavaScript, HTML, CSS, Node.js, Express.js, Java, Python, Visual Basic .NET, .NET Framework, Axios, Tailwind CSS, HTML, EJS, JIRA, Figma, Version Control (Git), GitHub, AWS, Azure hosting, PowerBI, Excel, Excel Macros, Angular, C#