

# Mir Sulaiman Sultan

647-787-8909 | [sult2271@mylaurier.ca](mailto:sult2271@mylaurier.ca) | [linkedin.com/in/mirssultan/](https://www.linkedin.com/in/mirssultan/) | [github.com/SulaimanS11](https://github.com/SulaimanS11) | Website: [sulaiman.codes](https://sulaiman.codes)

## EDUCATION

**Wilfrid Laurier University** | *Waterloo, Ontario*  
**Honours Bachelor of Science in Computer Science & Psychology**  
**Specialization** in Computation and Cognitive Neuroscience  
**Related coursework:** Programming in Python, Java, C/C++, Object-Oriented Programming, Data Structures, Relational Database Systems, Algorithm Design/Analysis, Research in Perception, Artificial Intelligence

Expected Graduation - April 2026

## TECHNICAL SKILLS

**Languages:** Python, Java, JavaScript, SQL, C/C++, C#, Typescript, VBA, HTML, CSS, Assembly, GoLang  
**Frameworks:** React.js, AWS, Flask, Spring Boot, JPA, Bootstrap, Tensorflow, Pandas, Tkinter, Node.js, Scikit  
**Tools:** MySQL Workbench, Git, GitHub, Eclipse, Microsoft Office Suite, Docker, Kubernetes, Vercel, SPSS, Unity

## WORK EXPERIENCE

**Network Administrator Intern** | *Factory Liquidators Inc.*  
➤ Directed and managed the **full software development lifecycle**, **coordinating tasks** between developers and designers to ensure the **timely delivery of web-based applications and projects**.  
➤ Monitored and maintained company websites, ensuring **optimal performance**, uptime, and security by performing regular updates, managing server hosting, and addressing any technical issues.  
➤ Managed website payments, domain renewals, and hosting services. Ensured digital assets were funded and working.  
➤ Led efforts in website enhancements, **improving user experience**, and incorporating new features such as **responsive design**, **SEO optimization**, and **e-commerce integrations**.

Mississauga, Ontario | May 2023 - August 2023

## PROJECTS

**Predictive Analysis Inventory Tracker** | *Data Scientist & Full-Stack Developer - Python, Flask, Pandas, Scikit-learn, SQL, Docker, AWS, Git, GitHub*  
➤ **Machine Learning Model Development:** Designed and implemented a **predictive analytics model** using **Scikit-learn** to forecast future inventory needs based on historical sales data, reducing overstock and stockouts.  
➤ **Data Preprocessing and Feature Engineering:** Cleaned and processed large datasets with **Pandas**, created meaningful features (e.g., seasonal trends, sales lags) to enhance model performance, and stored data in **SQL** for efficient querying.  
➤ **Web API and User Interface:** Built a **Flask-based RESTful API** to serve inventory predictions and historical sales insights. Developed an optional user interface with **HTML**, **CSS**, and **JavaScript** for visualizing forecasts.  
➤ **Deployment and Cloud Integration:** Containerized the application using **Docker** and deployed it to **AWS** for real-time use. Integrated the model with an **SQL** database to fetch dynamic sales data for predictions.  
➤ **Exploratory Data Analysis (EDA):** Visualized sales trends and identified patterns using **Matplotlib**, presenting actionable insights to stakeholders.

**Resume Application** | *Full-Stack Developer - Java, Spring Boot, Thymeleaf, MySQL, JPA, Spring Security, AWS Elastic Beanstalk, Git, GitHub*  
➤ **Web Application Development:** Designed and implemented a resume portal with **user authentication**, edit capabilities, and shareable resume URLs. Leveraging Spring Boot and Thymeleaf for a seamless and responsive user experience.  
➤ **Streamlined Workflow Automation:** **Automated repetitive tasks**, significantly reducing manual intervention and potential human error, while providing detailed feedback on each command's success or failure.  
➤ **Authentication and Security:** Built a **secure login system** using **Spring Security**, allowing access only to a predefined list of users backed by the relational database.  
➤ **Customizable Resume Templates:** Enabled users to select and customize resume templates, with edits dynamically reflected in the shared URL.  
➤ **Cloud Deployment:** Deployed the application on **AWS Elastic Beanstalk** for scalability and reliability, ensuring secure database connectivity.  
➤ **Scalable Design:** Engineered the system for **scalability**, incorporating **best practices** for relational database schema design and cloud infrastructure.

**Personal Portfolio Website** | *Front-End Developer - Javascript, HTML, CSS, React.js, Git, GitHub, Vercel*  
➤ **Dynamic & Responsive UI:** Developed a fully responsive and interactive portfolio website using **React.js** and modern CSS frameworks to showcase projects and technical skills.  
➤ **API & Backend Integration:** Integrated a contact form with a **Node.js backend** using **RESTful APIs**, allowing seamless email submissions with form validation.  
➤ **CI/CD & Cloud Deployment:** Integrated automated deployment pipelines using **GitHub Actions** and deployed on **Vercel** for fast, scalable hosting.  
➤ **Performance & SEO Optimization:** Improved page load times and accessibility using optimized assets and semantic HTML for better SEO ranking.  
➤ **Security & Best Practices:** Implemented **HTTPS security headers**, **meta tags**, **structured data**, and **semantic HTML** to improve **SEO** and **site security**.