

Meharvaan Singh

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EDUCATION

Sheridan College Institute of Technology and Advanced Learning
Advance Diploma in Software Development and Networking Engineering
Program GPA: 3.78

Aug 2021 – Dec 2024
Oakville, ON

EXPERIENCE

Full Stack Developer
Digital Transformation Branch, Health Canada

Aug 2023 – Current
Ottawa, ON

- Contributed over 20,000 lines of code in Blazor, .NET Core, JavaScript, and SQL for critical projects, ensuring on-time delivery under tight deadlines
- Developed and optimized complex SQL scripts using Microsoft SQL Server on the production server, improving query performance by 20%
- Collaborated closely with testing and accessibility teams, achieving a 98% bug resolution rate and maintaining a post-deployment bug occurrence rate of less than 2%
- Conducted rigorous testing, debugging, and proactive code reviews, reducing post-launch issues by 15%.

Software QA Engineer
Evertz Microsystems

Dec 2022 – Apr 2023
Burlington, ON

- Developed and executed automated testing scripts using Python and Bash, leveraging Selenium and libraries such as PySNMP, Telnet, and Requests, reducing manual testing time by 40% and increased test coverage by 30%.
- Developed console applications, streamlining, and optimizing daily tasks for customers, thereby enhancing overall operational efficiency
- Worked with different transcoders, routers and network protocols like SNMP, TCP/IP, HTTP, DNS and DHCP

PROJECTS

Live Play | *JavaScript, RESTful API, Git, HTML/CSS*

Jan 2024 – Mar 2024

- Developed a Chrome extension Integrating RESTful APIs to retrieve and display real-time cricket match data and news
- Implemented comprehensive features, including a dark mode toggle with persistent user settings, dynamic league-based match filtering, and live news feed rendering via API integration.
- Successfully deployed extension to the Chrome Web Store, achieving a 5-star rating for its performance

Lifeline | *Express JS, React JS, Open AI, RESTful API, Firebase, Git, HTML/CSS*

Jan 2024 – Nov 2024

- Collaborated with a team of developers to develop a web application leveraging React.js and Express.js for efficient scheduling and productivity optimization.
- Contributed to develop a REST API with Express.js to handle routing, middleware and Firebase Realtime Database
- Integrated Firebase Authentication for secure, federated user login, managing access control with JSON Web Tokens
- Designed and deployed an AI-driven feature set, including NLP-based meeting minute extraction and real-time calendar updates, hosted on Firebase Hosting
- Awarded 1st place at the Sheridan's Capstone Showcase 2024 for innovative AI integration and exceptional execution.

CERTIFICATIONS

Python Essentials by Cisco
Cyber Threat Management by Cisco

Credentials: <https://www.credly.com/badges>
Credentials: <https://www.credly.com/badges>

TECHNICAL SKILLS

Languages: C#, JavaScript, Java, Python, SQL, Kotlin, Swift, HTML/CSS
Frameworks: ASP.NET Core, Blazor, Express JS, Node JS, Swift UI, Spring Boot
Tools and Technologies: Linux Ubuntu, Google cloud Platform, MySQL, Microsoft SQL Server, MongoDB, AWS Services, Kafka, Android Studio, Selenium, React, Apache Hadoop, Jenkins, Postman, Firebase, Xcode, GIT, JIRA, Azure DevOps, Figma, Adobe XD, VirtualBox, Visual Studio