

# Srishti Jain

1333 South Park St, Halifax, NS B3J 2K9



+17827789793



sr381365@dal.ca



srishti-j-23961214b



github.com/srs721

## Education

Master's in Applied Computer Science, Dalhousie University

Sept 2022- Dec 2023(Expected)

Bachelor's in Computer Science, Acharya Institutes

June 2014-June 2018

## Work Experience

Teaching Assistant and Marker, Dalhousie University

Sept 2022- Current

- Collaborated with professors to design and develop lecture contents for 100+ students for the courses **Web development, Computer Systems and Algorithms.**
- Conducted lab tutorials and office hours for student support and proctoring during exams and tests.
- Marked assignments and exams of more than 120 students.

DevOps Engineer, NTT Ltd.

May 2020-Aug 2022

- Received 80% success rate by using Apache Airflow for controlling and automating **Ansible** and **ServiceNow** workflows.
- Successfully implemented CI/CD pipeline using **Azure DevOps** as platform and developed **Azure functions** for various device health reports.
- I had the honor of being an **integral part** of **Central Automation Taskforce** Team of an all-male team, serving as a **sole** female member.
- Created **Kubernetes cluster** and deployed NodeRed application in AKS using ARM Templates.

Associate Engineer, NTT Ltd.

May 2019-May 2020

- Created pipelines using **Azure Data Factory** for data processing and inserting into MYSQL DB, which can be used by Power BI to reduce human involvement by 30%.
- Lead the development in **Apache Nifi** for the initial release for the project 'Unified Telemetry Aggregator' which reduced cost of up to 70%.
- Created **Proof of Concepts (POC), ETL pipelines** in azure data factory, Apache Nifi and researched about various SDN technologies and Rest APIs as a part of Innovation team worked in **Agile development environment.**
- **Supervised** team members by creating Jira board to hold team member's accountable for completing their assigned tasks.

## Skills

Cloud

Azure DevOps, Azure Data factory, Azure Functions, AKS, AWS services

Programming

Java, Python, C/C++, HTML/CSS, JavaScript, NodeJS

Backend & Frontend Infra

Spring Boot, Flask, REST, HTTPS/HTTP web APIs development, React & Material UI

Databases

MySQL, MongoDB, Influx DB

Other technologies

GitLab, GitHub, Confluence, Jira, Apache Airflow, Apache NiFi, Ansible

## Projects

Portfolio Website, React, [https://github.com/srs721/Srishti\\_jain](https://github.com/srs721/Srishti_jain)

May 2023-May 2023

- Developed my portfolio website using React, NodeJS, HTML, CSS and made it responsive for desktop and mobile phones which gives me a success rate of 80%. Portfolio – <https://srishtijain.netlify.app/>
- Built the website using CI/CD pipeline in Netlify which reduced manual effort of making changes by 90%.

Café Management System, AWS, [AWS Academy](#)

Jan 2023 – Apr 2023

- Created dynamic website for a Cafe **using EC2 instance and S3 storage bucket** which resulted in high availability and reliability by creating AMI and deploying in two different AWS regions.
- Used Amazon RDS, VPC created IAM roles and created a serverless architecture by using AWS Lambda functions this increased the security and isolation between the services.

Best Electronics, Java, Spring Boot, <https://github.com/srs721/Best-Electronics>

Sept 2022- Dec 2022

- Built an electronics shopping web app which is a one place shopping destination for all your electronics.
- Designed using **TDD, SOLID principles and design patterns** which resulted in 95% code and test cases coverage.
- Used MySQL database and created stored procedures for reducing the query time and improving data layer isolations.

## Certifications

- Successfully acquired **Azure Fundamentals certification.**
- Received certifications of **Cisco Certified Network Associate** and **Cisco Certified DevNet Associate.**