

Srishti Jain

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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.
- **Skills:** Communication skills, Team building, Leadership qualities, Presentation skills.

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.
- Created **Kubernetes cluster** and deployed NodeRed application in AKS using **ARM Templates.**
- Successfully acquired **Azure Fundamentals certification** during the initial training period.
- **Technical Skills:** Python, Apache NiFi, GitHub, GitLab, Jira, Confluence, Azure Data Factory, Agile, API development.

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.
- Supervised team members by creating Jira board to hold team member's accountable for completing their assigned tasks.
- **Technical Skills:** Python, Apache NiFi, GitLab, Jira, Confluence, Azure Data Factory, Agile, **REST and SOAP APIs.**

Skills

Cloud	Azure - DevOps, data factory, Functions, Kubernetes, AWS services
Programming	Java, Python, C/C++, HTML/CSS, JavaScript, NodeJS
Databases	MySQL, MongoDB, InfluxDB
Other technologies	Git, Confluence, Jira, Apache Airflow, Apache NiFi, Ansible

Projects

Portfolio Website, React

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%. Website Link – <https://srishtijain.netlify.app/>
- Built the website using CI/CD pipeline in Netlify which reduced manual effort of making changes by 90%.
- Customised my domain name on Netlify so make it identifiable.

Café Management System, AWS

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

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.