Srishti Jain

Master's in Applied Computer Science, **Dalhousie University**

Expected Graduation: **January 2024**

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Work Experience

DevOps Engineer, **NTT Ltd.**
May 2020 – August 2022

- Received 80% success rate by using Apache Airflow for controlling and automating Ansible and ServiceNow workflows.
- Developed ServiceNow workflow for automation that includes integration with Ansible and UiPath to eliminate the initial troubleshooting steps performed by L1 engineers on the client devices
- 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.
- Tech Stack: Python, JavaScript, Azure DevOps, Azure Functions, AKS, Container Registry, Ansible, Airflow

Associate Engineer, **NTT Ltd.**
May 2019 – April. 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%.
- Research and Development of various Cisco, PaloAlto, SDWAN, ACI, Meraki APIs for devices inventory, health.
- Lead the development in Apache Nifi for the initial release for the project 'Unified Telemetry Aggregator' which reduced cost of up to 70%.
- Lead the project management for my team by creating Jira board and tracked all team members activity.
- Tech Stack: Python, Apache NiFi, Git, Jira, Confluence, Azure Data Factory, API

Skills

Programming Languages: Python, SQL, HTML/CSS/JavaScript, Java, C

Databases: MongoDB, MYSQL, InfluxDB

Cloud Technologies: Azure DevOps, Ansible, Azure data factory, Azure Functions, Azure Kubernetes, AWS services

Other Technologies & Tools: Git, Confluence, Jira, Apache Airflow, Apache NiFi

Projects

Best Electronics, Java, Spring Boot
Halifax, NS Sept. 2022 - Jan. 2023

- Developed a Java Project using all the necessary SOLID principles and design patterns

Halifax Foodie, AWS Services
Halifax, NS Jan. 2022 - Apr. 2022

- Analyzed the serverless report and made a documentation on the AWS services that can be used considering security, availability, reliability, and disaster recovery options.

Automated Irrigation System using Machine Learning and IOT
Jan. 2018 - June. 2018

- Developed a smart irrigation mobile app which can predict the diseases in leaves using SVM model, that gave an accuracy of 80%. Used IOT sensor to check the physical condition of soil and various other environment parameters.

Academic Experience

Teaching Assistant and Marker, Dalhousie University
Halifax, NS Sept. 2022 - Current

- Collaborated with various Professors to design and deliver the content to the students for the courses - Web design and development, Introduction to Computer Systems and Algorithms.

Published an international Journal
Bangalore, IN Jan. 2018

- Titled "A Survey of the Automated Irrigation Systems and the Proposal to Make the Irrigation System Intelligent" in International Journal of Computer Sciences and Engineering, **Vol - 6, Issue -1, Jan 2018**