

Vishal Solanki

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EDUCATION

University of Windsor

Master of Applied Computing | CGPA: 3.7

May 2021 - Aug 2022

Windsor, Ontario, CA

Software Engineering Topics, Computing Concepts, Database Topics, Systems Programming, Distributed Systems, Networking.

DIT University

Bachelor of Technology in Computer Science | CUM. PER: 70%

Aug 2014 - June 2018

Dehradun, India

DS and Algorithm, Mobile Computing, Digital System Design, Data Warehouse, Linux administration and shell programming.

TECHNICAL SKILLS

Languages: Java, C++, Python, YAML, Groovy, Html, CSS, XML, JSON, shell.

Databases: MySQL, MongoDB, DynamoDB, Oracle, SQLite.

Containerization: Docker, Compose, Ansible.

DevOps Tools: CI/CD pipelines, Jenkins, Terraform, Monitoring Datadog, Maven, Postman, Junit.

Version Control: GitHub, Bitbucket, CodeCommit.

Cloud Services: Azure ASE, Application gateways, VPC, CloudWatch, AWS RDS, AWS EC2, AWS Lambda, Amazon Lex, GCP.

Others: Nexus Repository, Jupyter, PyCharm, ServiceNow, MS Visual Studio, Jira, Linux, VMware, OpenShift.

WORK EXPERIENCE

Royal Bank of Canada

Sept 2022 – Present

DevOps Engineer

Toronto, Ontario, CA

- Implemented Fastlane (Ruby) for Android and iOS applications that leverage Jenkins workflow and use theNexus Repository to store artifacts and deploy to OpenShift servers.
- Created Ansible scripts to automate machine configuration including XCode, Android Studio, Gradle and Homebrew.
- Participated in a team of 11 members troubleshooting GitHub issues, build failures and deployment obstacles.

Toronto-Dominion Bank

May 2022 – Aug 2022

DevOps Engineer Coop

Toronto, Ontario, CA

- Implemented CI-CD pipeline for Applications in Azure ASE maneuvering Azure YAML files Automating Onboarding process using python and Jenkins to reduce human efforts notably.
- Participated in a team of 9 members publishing applications using Developer tools like XLR/XLD, Bitbucket and Datadog increasing deployments up to 6%.

Wipro Technologies

June 2018 – June 2021

Continuous Integration Specialist

Bengaluru, India

- Maintained CI-CD pipeline for Angular, Flask, and Docker Web Applications orchestrating docker and AWS services handling failures and documenting SOPs in an agile framework.
- Performed necessary actions in production environment for Banking clients to handle setbacks with Shell, Python and Java script fixes resulting in faster and permanent resolutions by 11%.
- Executed operational support, maintenance and optimization of network hardware, and software including proactively automating health checks, DR, patching, and updates reducing downtime by 1.7% yearly.

ACADEMIC PROJECTS

- Jenkins Automation:** Automated onboarding of web applications into CICD pipelines for environment deployment. Working: Jenkins Pipelines using Groovy and Python to create YAML files for new apps to be deployed in Azure ASE, configured in accordance with JIRA tickets.
- Movie Recommender:** Web application like IMDB with enhanced feature to order and request missing movies. Working: Developed using Python and Django framework that demonstrated MTV architecture utilizing Django ORM for CRUD operations.
- Lex Chatbot:** Interactive chatbot that offers real-time weather data. Working: The Amazon Lex chatbot converts and interprets user intent to produce a wise response to retrieve live weather/temperature data.

ACHIEVEMENTS

- AWS Certified Solutions Architect & Practitioner
- Oracle Autonomous Database Cloud 2019 Certified Specialist

December 2020

July 2019

References available upon request