

## SAGAR GIRI

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## CAREER OBJECTIVE

Highly motivated Computer Science graduate passionate about DevOps principles, eager to leverage automation, cloud technologies, and CI/CD pipelines to drive efficiency and innovation within a dynamic team.

## EDUCATION

**Lambton College, Toronto**

2024-2025

Post Graduate Certification- DevOps of Cloud Computing

**REVA University**

2019-2022

Bachelor of Science – Cloud Computing and Big Data

## SKILLS

### Technical Skills

- Cloud Computing Platform – AWS, AZURE
- Language – C, Java, Python
- Configuration Management – Ansible
- Source Code Management – Git
- Infrastructure Management – Terraform
- Container Service – Docker
- CI/CD Tool – Jenkins

### Soft Skills

- Verbal and Written Communication
- Teamwork and Collaboration
- Time Management
- Attention to details
- Problem Solving
- Adaptability
- Continuous Learning

## PROJECTS

### Continuous Integration and Deployment Pipeline Implementation

Implemented a CI/CD pipeline for a microservices-based web application to automate the build, test, and deployment processes. The goal was to improve deployment frequency and reduce manual intervention.

- Leveraged Jenkins to reduce deployment time from hours to minutes, achieving a 50% increase in deployment frequency.
- Utilized Docker for automated testing, resulting in a 30% reduction in bugs found in production.
- Enhanced system reliability with Terraform by implementing rolling updates and automated rollback strategies on AWS.

### Build and Hosted School Website

Hosted a School Website in AWS.

- Provisioned virtual machines or containers on the cloud platform to host the school website.
- Integrated the website codebase with Git for version control.
- Implemented security best practices, such as SSL/TLS encryption, firewall rules, and access controls, to protect sensitive data and ensure compliance with regulatory requirements.

## EXTRA CURRICULAR AND CERTIFICATION

### Verizon Cloud Platform Job Simulation on Forage

June 2024

- Completed a job simulation involving building a hypothetical new VPN product for Verizon's Cloud Computing team.
- Used command line Python to test whether Verizon's VPN met the cloud-native traits, i.e. redundancy, resiliency and least-privilege.
- Researched approaches to achieve application security and communicated insights in a PowerPoint Presentation.

## **CERTIFICATIONS**

### **Microsoft Technology Associate**

- Introduction to Programming using Python
- Networking Fundamentals

Nov 2020

July 2021

### **Microsoft Certified Fundamentals**

- Microsoft Azure Fundamentals

Mar 2022

## **LANGUAGES**

- English
- Hindi
- Bengali
- Nepali