

# Shivani Varu

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## OBJECTIVE:

Aspiring DevOps Intern with hands-on experience in CI/CD automation, cloud deployment, and containerization. Passionate about streamlining software development workflows using Jenkins, Docker, and AWS. Adept at scripting, networking, and cloud computing, with a strong foundation in software quality assurance and infrastructure management.

## HIGHLIGHTS OF QUALIFICATIONS:

- Cloud & Virtualization Tools: AWS (EC2, S3, RDS, Lambda), Docker, VMware, Microsoft 365
- Programming & Scripting: Python, Shell scripting
- Networking & Troubleshooting: Traceroute, cURL, iperf
- Operating Systems: Windows Server, Linux (Ubuntu)
- Documentation & Productivity Tools: Microsoft Office Suite (Excel, Word, PowerPoint)

## TECHNICAL SKILLS:

- Cloud & Virtualization Tools: AWS (EC2, S3, RDS, Lambda), Docker, VMware, Hyper-V, Microsoft 365
- Programming & Scripting: Python, Shell scripting
- Networking & Troubleshooting: Traceroute, cURL, iperf
- Operating Systems: Windows Server, Linux (Ubuntu)
- Documentation & Productivity Tools: Microsoft Office Suite (Excel, Word, PowerPoint)

## EDUCATION:

**Postgraduate Certificate in Cloud Computing Technologies**      **Sept 2024 – Expected Aug 2025**  
George Brown College - Casa Loma Campus, Toronto

**Postgraduate Certificate in Software Quality Assurance and Test Engineering**      **Sept 2023 - Aug 2024**  
Conestoga College Institute of Technology and Advanced Learning - Waterloo Campus, Ontario, Canada

**Information Technology, Bachelor of Engineering**      **Aug 2019 - Jun 2022**  
Sarvajanic College of Engineering and Technology, India

## PROJECT: CI/CD PIPELINE WITH JENKINS, DOCKER, AND AWS

- Designed and deployed a CI/CD pipeline integrating Jenkins, GitHub webhooks, Docker, and AWS EC2.
- Automated application deployment with a three-server architecture: Jenkins server, staging server, and production server.

- Configured Jenkins agents and Docker containers to streamline testing and deployment workflows.
- Leveraged AWS for cloud hosting and Nginx as a reverse proxy to ensure secure and reliable access.
- Implemented GitHub-triggered auto-builds, reducing manual intervention and deployment errors.
- Future improvements: Adding monitoring with Prometheus & Grafana, Infrastructure as Code (Terraform).

## PROFESSIONAL EXPERIENCE:

**Student Associateship** **Oct 2020 – Feb 2021**  
***Design innovation Centre - Gujarat Technological University*** – India (Remote)

- Customized and developed a web-based registration platform for the Autodesk Fusion 360 Challenge, enhancing participant engagement by 40%.
- Automated participant registration and reporting processes using Google Forms, reducing manual efforts and errors by 50%
- Deployed the website using GitHub for version control and collaborated with a team to ensure 99% uptime.
- Leveraged cloud-based tools to deliver secure, user-centric web solutions for event registration.
- Managed remote collaboration via Google Meet, ensuring timely project delivery and seamless updates.

## VOLUNTEER EXPERIENCE:

**Event Volunteer – Inter-College Techno Fest ‘Converse 2020’** **Oct 15–16, 2020**  
**Sarvajanik College of Engineering and Technology**, Surat, India

- Organized and marketed a virtual placement prep event, increasing visibility by 40% via Instagram campaigns.
- Managed virtual onboarding and troubleshooting for 96 participants using Moodle and Google Meet.
- Ensured smooth operations by coordinating with a team to troubleshoot technical issues and guide participants through virtual platforms.
- Received positive participant feedback for creating a professional, well-structured placement simulation experience.

## CERTIFICATIONS:

Microsoft 365 Fundamentals (MS-900)  
 Microsoft 365 Administrator (MS-102)

**Jan 2025**  
**Dec 2024**