

# Nihal Shardul

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## CAREER SUMMARY

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Experienced Infrastructure Engineer with 4+ years of experience and AWS certification. Proficient in CI/CD, configuration management, and Linux Administration. Passionate about optimizing processes for organizational success.

## TECH-STACK

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Cloud Technology: AWS

DevOps: Python, Bash, Git, Gitlab, Jenkins, Ansible, Docker, Kubernetes, Prometheus, Grafana, Zabbix

Security: NMAP, Nessus, ZAP, Lynis, Nikto, Burpsuite, Metasploit and Crackstation.

## EDUCATION

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**Savitribai Phule Pune University**

**Graduated: Mar 2020**

*MCA, Department of Computer Science (CGPA: 6.2)*

## CERTIFICATIONS

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AWS Certified Solutions Architect Associate

**Achieved Nov 2022**

Cyber Security Foundation Professional Certificate - CSFPC

**Achieved Jan 2021**

## PROJECTS

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### **AWS Static Website Hosting**

- Deployed and hosted a highly available Static website using Amazon S3, Cloudfront and Route 53.

### **Macro Assembler For IA-32 Architecture**

- Created Two pass assembler with specific instruction from Inte Manual using Python.

## WORK EXPERIENCE

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### **QiO Technologies Pvt. Ltd.**

**Jun 2020 - Current**

*Infrastructure Engineer(Cloud and Security)*

Pune, India

- Implemented and managed CI/CD pipelines using Jenkins and GitLab CI/CD to automate software delivery and deployment processes.
- Orchestrated containerized applications using Kubernetes and Rancher, ensuring high availability, fault tolerance, and efficient resource utilization.
- Containerized applications using Docker and created Dockerfiles and Docker Compose files for development, testing, and production environments.
- Experience with security assessment tools such as Nmap, Nessus, Burpsuite, Metasploit and Lynis.

### **kPoint Technologies Pvt. Ltd.**

**Jun 2019 – Dec 2019**

*Software Associate (Intern)*

Pune, India

- Managed AWS resources including EC2 instances, S3 buckets, RDS databases, and VPCs, ensuring security, scalability, and high availability.
- Automation for Podcast feature and Webex.
- QA testing for the whole web application.

## SKILLS

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### **Technical Skills**

- Networking and troubleshooting
- System Administration
- AWS
- Python
- Security

### **Interpersonal Skills**

- Feedback Receptive
- Effective Communicator
- Highly Adaptable