Nihal Shardul

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CAREER SUMMARY

Experienced DevOps Engineer with 3+ years of software development experience and AWS certification. Proficient in CI/CD, configuration management, and IaC. Passionate about optimizing processes for organizational success.

EDUCATION

Savitribai Phule Pune University   **Graduated: Mar 2020**
MCA, Department of Computer Science (GPA: 3.8)
Organizations/Awards: Dean's Honors List, Member of Computing Society

CERTIFICATIONS

AWS Certified Solutions Architect Associate   **Achieved Nov 2022**
Cyber Security Foundation Professional Certificate - CSFPC   **Achieved Jan 2021**

TECHNICAL PROJECTS

AWS Serverless Chat Application
- Built a serverless chat application using AWS Lambda, DynamoDB, API Gateway, S3, Cognito, CloudFront.

AWS Three-tier Web Application
- Deployed and hosted a highly available WordPress application using Amazon EC2, RDS, Route 53, and VPC.

WORK EXPERIENCE

QiO Technologies Pvt. Ltd.   **Jun 2020 - Current**
Software Engineer   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.
- Configured and maintained monitoring and logging systems using Prometheus and Grafana to ensure optimal performance and troubleshoot issues proactively.
- 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 whole web application.

SKILLS

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

Interpersonal Skills
- Feedback Receptive
- Effective Communicator
- Highly Adaptable