**Nihal Shardul**

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**CAREER SUMMARY**

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| 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. |  | **Graduated: Dec 2021** |

**EDUCATION**

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

**CERTIFICATIONS**

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

**TECHNICAL PROJECTS**

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| **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**

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| **QiO Technologies Pvt. Ltd.**  *Software Engineer*   * 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. | **Jun 2020 - Current**  Pune, India |
| **kPoint Technologies Pvt. Ltd.**  *Software Associate (Intern)*   * 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. | **Jun 2019 – Dec 2019**  Pune, India |

**SKILLS**

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| **Technical Skills**   * Networking and troubleshooting * System Administration | * AWS * Python | * Security |
| **Interpersonal Skills**   * Feedback Receptive | * Effective Communicator | * Highly Adaptable |