

**Vinayaka Kulkarni**

LinkedIn: [linkedin.com/in/vinayak-kulkarni-71293b134/](https://linkedin.com/in/vinayak-kulkarni-71293b134/)

✉: [vinayak.kulkarni9266@gmail.com](mailto:vinayak.kulkarni9266@gmail.com)

📞 : +91 9901049659

## Professional Profile

Results-driven DevOps Engineer with experience in cloud infrastructure, automation, and CI/CD pipeline management. Expertise in designing and implementing scalable, secure, and high-availability solutions across AWS, Kubernetes, and Docker environments. Adept at legacy application modernization, containerization, and infrastructure automation, with a strong focus on optimizing system performance and security. Diverse Experience in networking domain.

## Key Skills Summary

- Expertise in deploying, managing, and optimizing cloud resources using AWS services such as **EC2, S3, VPC, IAM, CloudFormation, and Lambda** for scalable and secure infrastructure.
- Experience in implementing **Jenkins** for automated builds, testing, and deployments,
- Experience in working with **Docker** for containerized applications and **Kubernetes** for orchestrating scalable microservices-based architectures.
- Experience in **Bash and Python** for automating workflows, infrastructure management, and troubleshooting.
- Efficient use of **Git and GitHub** for source code management, collaboration, and versioning in DevOps workflows.
- Experience in setting up **Prometheus and Grafana** for real-time monitoring, for centralized logging, alerting, and performance analysis.

## Certifications

- Cisco Certified Network Associate (CCNA) - CSCO13474460
- ITIL® Foundation Certificate in IT Service Management - GR750480097VK
- Silver Peak SDWAN Professional (SPSP) - c8a38f1f-9726-4ecc-8106-bc0380a88d20
- AWS Solution Architect Associate (SAA-003) d4fbafc70db1482fb293ebd93bf155ec

## Professional Experience

### **DevOps Engineer**

**Jun 2022 – Mar 2025**

Unisys Global Solutions, Bengaluru, India

#### **Roles and Responsibilities:**

- Implemented **CI/CD pipelines using Jenkins**, reducing deployment time by **20%**.
- Configured and managed **AWS networking** (VPCs, subnets, security groups, and load balancers).
- Enhanced security by enforcing **IAM best practices, vulnerability scanning, and compliance automation**.
- Implemented AWS CloudFormation templates in YAML to automate infrastructure provisioning, including nested stacks for multi-account deployment
- Strengthened cloud security by enforcing IAM best practices, vulnerability scanning, and compliance automation.
- Configured AWS networking (VPCs, subnets, security groups, and load balancers) with best practices.
- Developed and optimized Bash scripts for automation and infrastructure management.
- Transformed a **legacy monolithic application** into a **microservices architecture**, improving scalability and maintainability.
- Deployed **log aggregation and monitoring solutions** (ELK stack, Prometheus, Grafana) for proactive issue detection.
- **Automated disaster recovery strategies**, including database replication and multi-region deployments.

### **Network Engineer Lead**

**May 2018 – June 2022**

Unisys Global Solutions, Bengaluru, India

#### **Roles and Responsibilities:**

- **Lead** the team of **21 Network Engineers** supporting **multiple clients across the globe**.
- Worked with Clients from **multiple industries** (Food, Finance, Pharma, Construction) on **network implementations**.
- Performed multiple client transitions.
- **Point of Contact** for any kind of escalations.
- Involvement in **network implementation** LAN and WAN networks. **Configuring switches** and installing in the **production environment**.
- Resolver for **P1/P2 incidents** raised by clients.

## Project Highlights

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### **Client: Elevate**

**Tech Stack:** Git, Maven, Jenkins, Ansible, Linux, AWS, Docker and Kubernetes

#### **Key Achievements:**

- **Optimized resource allocation**, reducing infrastructure costs by **15%**.
- Resolved critical **AWS VPC peering issues**, enhancing network connectivity.
- Streamlined the **CI/CD pipeline**, cutting build and deployment time by **20%**.
- Automated **system backups using Python scripts**, improving disaster recovery.

### **Clients: Regeneron, Nutreco, Henkel, BMC**

**Stack:** Cisco, Aruba, Juniper, Areohive, Infoblox.

#### **Key Achievements:**

- Configured Cisco and Aruba Switches, Aruba and Areohive Accesspoints.
- Performed Firmware upgradation on Cisco and Aruba devices.
- Worked on tools like Infoblox, netmri for DHCP management and Configuration management.
- Troubleshooting LAN/Wifi related issues.
- Hands on experience in Incident management, change management based on ITIL process.

## Personal Attributes

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- Good Team player, adaptable to any kind of environment.
- Good in growing a continual improvement culture.
- Excellent communication, Interpersonal skills, Quick learner, Versatile, and process-oriented with high customer orientation.
- Client focused and acute eye for detail.
- Excellent work ethics and can-do attitude
- Good in communicating ideas, issues and solutions in a team environment.

## Personal Project

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- <https://github.com/Vinayak-99010/Resume>
  - Hosted a static website which displays my resume.
  - Tech Stack used:
    - AWS Services – Cloudformation, EC2, VPC
    - CI/CD – Jenkins
    - Version Control – Github