





# Irfan Nazeer

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## SUMMARY

Highly skilled **DevSecOps Engineer** with 6 years of extensive experience in **DevOps** and **Cloud Architecture**. Expert in integrating security into development and operations, automating workflows, and architecting resilient cloud solutions. Proficient across various cloud platforms and tools, specializing in rapid, secure deployment, scalability, and system integrity. Strong background in continuous integration and delivery (CI/CD) processes, enhancing operational efficiency and fostering a culture of continuous improvement in dynamic tech environments.

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## KEY COMPETENCIES

### Cloud Platforms

- AWS (Amazon Web Services)
- Microsoft Azure
- Google Cloud Platform (GCP)
- Digital Ocean
- OpenStack

### Containerization and Orchestration

- Docker
- Kubernetes
- Elastic Kubernetes Service
- Azure Kubernetes Service
- Google Kubernetes Engine
- OpenShift
- Kubeadm
- Minikube

### CI/CD Tools

- Jenkins
- GitLab CI/CD
- GitHub Actions
- BitBucket Pipelines
- Azure DevOps
- AWS CodePipeline

### Database Management

- MongoDB
- PostgreSQL
- MySQL
- SQL Servers
- Dynamo DB
- Document DB
- Cosmoses DB

### Collaboration and Communication

- Jira
- Slack
- Microsoft Teams
- Confluence
- Notion
- Linear

### Scripting and Automation

- Python
- Bash
- PowerShell
- Golang
- Ruby
- JavaScript

### Infrastructure as Code (IaC)

- Terraform
- AWS CloudFormation
- Azure Resource Manager (ARM)
- Bicep
- Atmos
- Terraform Cloud

### Monitoring and Logging

- Prometheus
- Grafana
- Splunk
- Datadog
- ELK Stack
- Loki
- Promtail
- Tanium

### Networking and Load Balancing

- NGINX
- HAProxy
- AWS Elastic Load Balancing
- Nginx Ingress Controller
- ALB Ingress Controller

### Configuration Management

- Ansible
- Chef
- Puppet

### Regulatory Compliance

- ISO 27001
- GDPR
- SOC2
- DCI PSS
- HIPPA

### Vulnerability Scanning

- Nessus
  - Nmap
  - Prowler
  - Cloud Mapper
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## PROFESSIONAL EXPERIENCE

### Senior DevSecOps Engineer | Lead DevOps

Verdant Soft

03/2024 – present

- **Implemented Security Automation:** Developed and integrated security automation into CI/CD pipelines, reducing security vulnerabilities by 40% and improving overall system integrity.
- **Cloud Architecture Design:** Architected and deployed highly available, scalable, and secure cloud solutions on AWS, Azure, and GCP, enhancing infrastructure reliability and performance.
- **CI/CD Pipeline Management:** Designed and managed CI/CD pipelines using Jenkins and GitLab CI, resulting in a 30% increase in deployment speed and a 20% decrease in deployment errors.
- **Configuration Management:** Utilized Ansible and Terraform to automate configuration management and infrastructure provisioning, leading to a 50% reduction in manual configuration efforts.
- **Monitoring and Logging:** Implemented comprehensive monitoring and logging solutions using Prometheus, Grafana, and ELK Stack, improving incident response times by 35%.
- **Security Compliance:** Ensured compliance with industry standards and regulations (e.g., ISO 27001, SOC 2) by conducting regular security audits and vulnerability assessments using tools like Snyk and OWASP ZAP.
- **Collaboration and Leadership:** Led cross-functional teams in adopting DevSecOps practices, fostering a culture of continuous improvement and collaboration across development, operations, and security teams.
- **Incident Response:** Coordinated incident response efforts and root cause analysis for security incidents, minimizing downtime and mitigating risks effectively.
- **Performance Optimization:** Conducted performance tuning and optimization for cloudbased applications, resulting in a 25% improvement in application response times.
- **Training and Mentorship:** Provided training and mentorship to junior **DevSecOps** engineers, enhancing team skills and knowledge in security best practices and automation tools.
- **Key Achievements:** Successfully reduced deployment times by 30% through optimized CI/CD processes. Achieved a 40% reduction in security vulnerabilities via automated security integration. Enhanced system reliability and performance through effective cloud architecture design and monitoring solutions.

### Senior DevOps Engineer

Verdant Soft

08/2023 – 02/2024

- **Implemented Security Automation:** Developed and integrated security automation into CI/CD pipelines, reducing security vulnerabilities by 40% and improving overall system integrity.
- **Cloud Architecture Design:** Architected and deployed highly available, scalable, and secure cloud solutions on AWS, Azure, and GCP, enhancing infrastructure reliability and performance.
- **CI/CD Pipeline Management:** Designed and managed CI/CD pipelines using Jenkins and GitLab CI, resulting in a 30% increase in deployment speed and a 20% decrease in deployment errors.
- **Configuration Management:** Utilized Ansible and Terraform to automate configuration management and infrastructure provisioning, leading to a 50% reduction in manual configuration efforts.
- **Monitoring and Logging:** Implemented comprehensive monitoring and logging solutions using Prometheus, Grafana, and ELK Stack, improving incident response times by 35%.
- **Security Compliance:** Ensured compliance with industry standards and regulations (e.g., ISO 27001, SOC 2) by conducting regular security audits and vulnerability assessments using tools like Snyk and OWASP ZAP.
- **Collaboration and Leadership:** Led cross-functional teams in adopting DevSecOps practices, fostering a culture of continuous improvement and collaboration across development, operations, and security teams.
- **Incident Response:** Coordinated incident response efforts and root cause analysis for security incidents, minimizing downtime and mitigating risks effectively.
- **Performance Optimization:** Conducted performance tuning and optimization for cloudbased applications, resulting in a 25% improvement in application response times.
- **Training and Mentorship:** Provided training and mentorship to junior DevSecOps engineers, enhancing team skills and knowledge in security best practices and automation tools.
- **Key Achievements:** Improved deployment efficiency by 25% through optimized CI/CD pipelines. Achieved a 20% cost reduction and better resource utilization on AWS. Reduced security incidents by 35% through automated security scans and compliance checks. Enhanced system visibility and incident response times by 30% with effective monitoring and logging solutions.

## Senior DevOps Engineer | Security Architect

Devsinc

09/2022 – 08/2023

- **Automated Deployment and Scaling:** Developed automated deployment and scaling processes using AWS EC2, S3, and RDS, improving application performance and scalability.
- **Infrastructure Monitoring and Optimization:** Monitored and optimized infrastructure performance with Nagios and Site24x7, ensuring system reliability and quick issue resolution
- **Resource Utilization Monitoring:** Used New Relic and **Datadog** to monitor resource utilization, enhancing efficiency and identifying potential bottlenecks.
- **Scrum Representation:** Represented the DevOps team in daily Scrum meetings, facilitating effective communication and coordination between development and operations teams.
- **CloudWatch Dashboards:** Created publicly accessible **CloudWatch** dashboards to provide real-time visibility into system metrics and performance for stakeholders.
- **Key Achievement:** Improved deployment efficiency and scalability, resulting in a 30% reduction in deployment time and a 20% increase in application uptime.

## DevOps Engineer | Cloud Architect

Devsinc

01/2022 – 09/2022

- **Infrastructure Monitoring and Alerting:** Implemented infrastructure monitoring and alerting using Nagios and Zabbix, ensuring timely detection and resolution of issues
- **Automation Scripting:** Wrote **Python** and **Bash** scripts to automate various operational tasks, enhancing efficiency and reducing manual efforts.
- **CI/CD Integration:** Collaborated closely with development teams to integrate application code with CI/CD pipelines, streamlining the deployment process.
- **Release Management:** Developed and executed release management strategies, ensuring smooth and reliable software releases.
- **Linux Environment Management:** Worked on multiple projects across various Linux distributions, including Ubuntu, CentOS, MintOS, and Solaris, ensuring consistent performance and reliability.
- **CI/CD and Agile Methodologies:** Gained proficiency in working within CI/CD environments and learned agile methodologies, including Scrum and Kanban, to enhance team collaboration and project management.
- **Key Achievement:** Successfully automated key operational tasks and improved monitoring, leading to a 40% reduction in incident response times and a 25% increase in overall system reliability.

## DevOps Engineer

Wisdom Coders

02/2021 – 12/2021

- **Containerization and Orchestration:** Designed and maintained containerized applications using Docker, Docker Compose, and Docker Swarm. Managed orchestration with Kubernetes, deploying applications on Amazon EKS, and implementing RBAC for secure access control.
- **CI/CD Optimization:** Streamlined deployment pipelines using Jenkins and GitLab CI/CD, improving release reliability and reducing deployment times by 40%.
- **Infrastructure Automation:** Automated provisioning and management of AWS resources such as EC2, VPC, Lambda, S3, RDS, DynamoDB, and CloudFormation, enhancing scalability and operational efficiency.
- **Monitoring and Incident Management:** Implemented monitoring solutions with Amazon CloudWatch, AWS CloudTrail, and Prometheus, ensuring 99.99% application uptime and enabling proactive incident response.
- **Cost Optimization and Resource Efficiency:** Achieved 30% cost savings by optimizing AWS resource utilization and implementing auto-scaling policies for dynamic environments.
- **Application Modernization:** Led the migration of monolithic applications to a microservices architecture, improving scalability, maintainability, and overall system performance.
- **Security Enhancements:** Implemented RBAC in Kubernetes, reducing unauthorized access incidents by 50% and strengthening overall security posture.
- **Collaboration and Productivity:** Collaborated with cross-functional teams using ClickUp and Linear to align on goals, improve task tracking, and ensure project success.

## Associate DevOps Engineer

03/2020 – 02/2021

### Wisdom Coders

- **Cloud Infrastructure Management:** Managed and optimized AWS services, including EC2, Lambda, VPC, IAM, and RDS, ensuring scalable, reliable, and secure cloud infrastructure.
  - **CI/CD Automation:** Automated deployment pipelines using Jenkins and Git, streamlining code integration and reducing deployment times by 30%.
  - **Security Implementation:** Established IAM role-based access policies to enhance security, reducing unauthorized access incidents by 40%.
  - **Scripting and Automation:** Developed Bash and PowerShell scripts for routine task automation and system monitoring, improving operational efficiency and saving over 15 hours of manual effort monthly.
  - **Database Operations:** Supported database migrations to RDS, achieving 20% cost savings while maintaining 99.9% uptime and ensuring optimal performance.
  - **Collaboration and Workflow Optimization:** Enhanced task tracking and team collaboration by integrating Trello, improving task prioritization and visibility across projects.
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## EDUCATION

**Bachelor of Computer Science** Majors: Computer  
Science Government College University Lahore

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