

YOUSAF KH

Senior Software Engineer (DevOps)

DETAILS

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LINKS

[Portfolio](#)

[GitHub](#)

[LinkedIn](#)

SKILLS

Amazon AWS

Terraform

Docker

Ansible

CI/CD

Git

Python

PROFILE

As a Senior DevOps Engineer with around 5 years of experience and AWS certification, I am passionate about designing and implementing scalable, reliable, and secure infrastructure. I possess a strong understanding of continuous integration and deployment methodologies, version control, scripting, containerization, and infrastructure as code. I am adept at automating processes to increase efficiency, reduce downtime, and improve system reliability. I am a collaborative team player who enjoys working in fast-paced environments, communicating effectively with stakeholders and team members, and leveraging technology to drive business success.

EMPLOYMENT HISTORY

Senior Platform Engineer (DevOps), Quantiphi Inc.

Trivandrum,
Kerala, India

Aug 2021 — Present

- Extensive experience designing, implementing, and managing cloud infrastructure on AWS, including EC2, S3, VPC, ELB, Auto Scaling, RDS, and Elastic Beanstalk.
- Skilled in infrastructure automation using tools such as Terraform and CloudFormation, enabling fast and efficient provisioning of resources and ensuring consistency across environments.
- Proficient in creating and maintaining CI/CD pipelines using tools such as Jenkins, GitHub Actions CI/CD, and AWS CodePipeline, enabling continuous integration and delivery of software and infrastructure changes.
- Experience in working with client technologies, including databases such as MySQL and PostgreSQL, web servers such as Apache and Nginx, and programming languages such as PHP and Node.js.
- Strong programming skills in Python, with experience in creating custom scripts and tools to automate routine tasks and streamline processes
- Excellent troubleshooting skills, able to identify and resolve complex issues in a timely manner, minimizing downtime and ensuring system availability and reliability.

Linux



Bash



MySQL



GCP



Microsoft Azure



Kubernetes



HOBBIES

Football, Gaming, Chess

LANGUAGES

English



Malayalam



System Engineer (Cloud/Linux),- Armia Systems Pvt. Ltd.

Kochi, Kerala, India

Mar 2020 — Aug 2021

- Familiarity with DevOps methodologies, including continuous integration and deployment, version control, and agile development practices, enabling collaboration with developers and ensuring fast and efficient software delivery.
- Experienced in automating infrastructure provisioning and configuration using tools such as Ansible and Terraform, resulting in significant time savings and improved system reliability with AWS Cloud.
- Skilled in monitoring and troubleshooting systems using tools such as Nagios, Zabbix, and Grafana, with experience in identifying and resolving performance and availability issues before they impact end-users.

System Engineer (Linux/Cloud), ActiveLobby Information Systems Pvt Ltd.

Kochi, Kerala, India

Oct 2018 — Feb 2020

- Excellent communication skills, able to work collaboratively with cross-functional teams and communicate complex technical concepts to non-technical stakeholders.
- Proficient in Linux system administration, including installation, configuration, troubleshooting, and maintenance of servers and services such as Apache, Nginx, MySQL, DNS, and SMTP.
- Skilled in AWS services such as EC2, S3, VPC, ELB, Auto Scaling, RDS and CloudWatch, with experience in designing and implementing secure, scalable, and highly available cloud infrastructure.

INTERNSHIPS

Linux Administration, Clado Solutions

Kochi, Kerala, India

Jun 2018 — Oct 2023

- Linux fundamentals, including installation, command-line interface, file system, and permissions.
- Shell scripting, including writing and executing basic scripts, variables, conditionals, loops, and functions.
- Linux system administration, including user and group management, process management, package management, and system security.
- Networking fundamentals, including TCP/IP, DNS, DHCP, routing, and firewalls.
- Virtualization technologies, including virtual machines and containers, and their deployment and management.
- Troubleshooting and debugging techniques, including log analysis, system monitoring, and performance tuning.
- Best practices for documentation, versioning, and knowledge sharing, including the use of tools such as wikis and issue trackers.

EDUCATION

**B.Tech Computer Science, North East
Frontier Technical University**

Aalo, Arunachal
Pradesh, India

Jun 2014 — Jun 2018

**MSc Computer Science, Bharathiar
University**

Coimbatore,
TamilNadu, India

Jun 2021 — Jun 2023

EXTRA-CURRICULAR ACTIVITIES

NSS Volunteer

Jun 2012 — Jun 2018

ACHIEVEMENTS

**AWS Certified Solutions Architect
-Associate,
Amazon Web Services (AWS)**

Nov 2021 — Nov 2023

**Oracle Cloud Infrastructure Foundations,
Oracle**

Mar 2022 — Mar 2024

**LFS169: GitOps,
The Linux Foundation**

Nov 2021 — Nov 2023

**Verified International Academic
Qualifications,
World Education Services (Canada)**

Jan 2022 — Jan 2027