

ARBAB KHAN

Fresher Devops Engineer

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PROFILE INFO

As a Mechanical Engineer with two years of experience, I am motivated by a desire to embrace new challenges. I am transitioning my career to the dynamic field of DevOps Engineering, where I can apply my skills in automation, cloud computing, and collaboration. I am eager to contribute to the success of a dynamic organization.

PROJECTS

Infrastructure Orchestration with Terraform

- Designed and deployed infrastructure on AWS using Terraform.
- Automated the provisioning of virtual machines, networks, and security groups.
- Improved scalability and maintainability through Infrastructure as Code (IaC) practices.

🔗 [github/iamarbabkhan](https://github.com/iamarbabkhan)

Configuration Management with Ansible

- Configured and managed server infrastructure using Ansible playbooks.
- Automated routine system administration tasks, enhancing efficiency and reducing human errors.
- Implemented role-based configurations to ensure consistency across servers.

🔗 [github/iamarbabkhan](https://github.com/iamarbabkhan)

VPC with servers in private subnets and NAT

- Designed and implemented a secure Virtual Private Cloud (VPC) architecture on AWS to enhance network isolation and security.
- Configured multiple private subnets to host sensitive applications, ensuring restricted access and minimizing exposure to the public internet.
- Implemented Network Address Translation (NAT) gateways in the public subnet to allow private subnet resources to initiate outbound traffic while maintaining a secure inbound-only access pattern.

🔗 [github/iamarbabkhan](https://github.com/iamarbabkhan)

EDUCATION

2017 - 2021 | Biju Patnaik
University of Technology

B-TECH Mechanical Engineering

2014 - 2017 | Govt. Polytechnic
Angul

Diploma Mechanical Engineering

2004 - 2014 | Islamia High School
High School

SKILLS

- Operating Systems: Linux, Windows
- Cloud Platforms: AWS
- Version Control: Git
- Continuous Integration/Continuous Deployment (CI/CD): Jenkins
- Containerization: Docker, Kubernetes
- Scripting Languages: Bash, Python
- Configuration Management: Ansible
- Monitoring and Logging: ELK Stack, Prometheus, Grafana
- Collaboration Tools: Jira
- Infrastructure as Code (IaC): Terraform

EXPERIENCE

2021 - PRESENT

Megha Engineering & Infrastructures Limited
Mechanical Engineer