

AMAR M S

+919483982934

amarjois@gmail.com



PROFILE SUMMARY

Senior Engineer with 9 years of IT experience in automating, optimizing, and managing infrastructure for high-performance, scalable systems. Proficient in CI/CD pipelines, resilient cloud solutions using AWS and Terraform, configuration management with Ansible, and container orchestration with Kubernetes.

EXPERIENCE

Software Engineer, 03/2022 - Current
Utthunga Technologies Pvt Ltd.

- Experienced working in Agile Development environment.
- Developed and maintained backend services using Django, delivering REST APIs to support internal tools and DevOps automation workflows.
- Integrated Django applications with AWS services like S3, RDS, Lambda, and IAM using boto3, enabling scalable and secure cloud-native apps.
- Designed modular Terraform scripts to provision AWS infrastructure (VPCs, EC2, RDS, etc.), improving deployment speed and reducing manual work by 50%.
- Implemented CI/CD pipelines using Jenkins, automating build/test/deployment processes for Django applications and infrastructure code.
- Built internal dashboards using Django to visualize cloud resource health and performance metrics fetched from AWS CloudWatch and Prometheus.
- Automated infrastructure monitoring using Python scripts integrated into Django admin panels for real-time visibility.
- Performed patch management, infrastructure updates, and regular security audits on AWS cloud systems.
- Conducted system updates, patch management, and security audits.
- Automated cloud infrastructure management, including setting up VPCs, EC2 instances, and security groups, ensuring compliance with organizational security standards.
- Designed and deployed a multi-region Kubernetes cluster on AWS, leveraging EKS for improved scalability and fault tolerance.
- Imported data from SQL Server DB to Power BI and grafana to generate reports.
- Experience with SQL skills for daily testing of data using various SQL queries.

Devops Engineer, 02/2018 - 02/2022

Wipro Ltd.

- Good hands-on knowledge of Source Code Management (Version Control System) tools like Git.
- Knowledge of major cloud service providers, like AWS.
- Experience with AWS Tools (EC2, S3, VPCs, RDS).
- Assisted in migrating on-premises infrastructure to AWS, ensuring seamless application availability during the transition.
- Managed IAM roles and policies to enforce least-privilege access across cloud environments.
- Supported deployment of Dockerized applications, ensuring consistent runtime environments across development, staging, and production.
- Monitored cloud usage and generated reports to help leadership optimize infrastructure spend.

Associate Desktop support Engineer, 01/2016 - 01/2018

Imedx Information solutions Pvt Ltd

- Perform regular checks on the status of servers, both hardware and software.
- Handle the tasks of managing data backup of servers through the checking backup logs and file restoring process.
- Designed, developed and tested various Power BI visualizations for dashboard and ad-hoc reporting solutions by connecting from different data sources and databases
- Imported data from SQL Server DB to Power BI and grafana to generate reports.
- Experience with SQL skills for daily testing of data using various SQL queries.

CERTIFICATION

PG Program in Software development with specialization in DEVOPS

EDUCATION

Vivekananda Institute of Technology, Bangalore, KA
Bachelor of Technology: Electronics and Communication

DECLARATION

I am keen to continue my career and prepared to work hard in order to achieve my organization objectives and I hereby declare that the information furnished above is true to the best of my knowledge.

Amar M S