

Amit Ashok Sangelkar

CONTACT

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SKILLS

- Cloud Technologies: AWS, Azure
- CI/CD Pipeline: Jenkins
- Programming language: C++, Python
- Automation Tool: Ansible, Puppet
- Infrastructure as Code: Terraform, AWS Cloud Formation
- No SQL: Elasticsearch
- Version Control: GIT, Bitbucket
- Data Ingestion: Logstash
- Container Platform: Docker
- Data Visualization: Kibana (ELK Stack)
- Container Orchestration Tools: Docker Swarm, Kubernetes
- Operating Systems: Linux, Windows

EDUCATION

- B.E. Electronics and Telecommunication**
Goa University
2008 - 2011
- Diploma in Electronics Engineering**
Goa Board Technical Education
2005-2008

CERTIFICATIONS

- PG in Cloud Computing & DevOps - Intellipaat

WORK EXPERIENCE

Production Supervisor| Agrawal Renewable Energy | Dec 2019 - Sep 2022

- Maintained high-quality standards in the manufacturing process.
- Enforced safety protocols and collaborated with maintenance teams and engineers to troubleshoot and resolve technical issues during the manufacturing process.

Supervisor & System Administrator | Dipika Consultancy Service Jan 2015 - May 2019

- Inspect and maintain hardware components such as computers, laptops, servers, and printers.
- Perform regular data backups and provide technical support to end-users for IT-related issues and troubleshooting.

Computer Hardware & Network Engineer | System Xperts August 2013 - October 2014

- Provide customer assistance in selecting and configuring computer hardware and peripherals.
- Diagnose and resolve hardware/software issues, set up computer networks, and implement data backup and security solutions for customers.

EA Supervisor Cum Computer Operator | Mars Telecom Systems Pvt Ltd Sep 2011 - July 2013

- Provide administrative support by handling computer-related tasks, organizing office files, and offering technical support.

PROJECTS

Architecture for New Employee Profile Database

Deploying a Python-based web application i.e. Employee database and media storage application using the most prominently used AWS Services in the industry such as EC2, ELB, VPC, S3, IAM, RDS, DynamoDB, Route53, etc. ApplicationServer is hosted privately and can only be accessed by the Company's Employees. It can be accessed using domain names using Route53 and Hostinger.

Multi-Region Web Deployment with Traffic Manager and Application Gateway

Implemented a multi-region web deployment solution using Microsoft Azure service to ensure optimal traffic distribution and high availability for a web application. The Project involved the deployment of three web pages: The home page, the Upload page, and the Error page for 403 and 502 errors.

Application Deployment Using CI/CD Tools

Implemented a git workflow architecture and used Jenkins jobs to deploy a container on specific ports for different branches, including the develop branch for testing the Dockerfile, the master branch for testing the final version of the Dockerfile, and the production server for the final release of the product. The process was automated using Jenkins, Git, and Docker.

Development and Management of a Scalable Software Solution Using Modern DevOps Tools

Led modern software project development with a strong DevOps toolchain, using Git and GitHub for code collaboration. Implemented Jenkins for continuous integration, Maven for build management, and Ansible for streamlined configuration and deployment. Leveraged Docker for containerization and Kubernetes for efficient container management and scaling.

DevOps Automation and Optimization: Streamlining Software Delivery

I successfully led the implementation of a comprehensive DevOps project, leveraging cutting-edge technologies to enhance software development and delivery processes. The project involved the seamless integration of various tools, including Terraform, Jenkins, SonarQube, Jfrog Artifactory, Ansible, Docker, Kubernetes, Helm, and Prometheus.