

ANSAF NAGORI

Cloud Engineer

Chicago, IL | +1 (312)-871-7789 | ansaf56@gmail.com | [Website](#) | [LinkedIn](#) | [Github](#)

EDUCATION

Illinois Institute of Technology, Chicago | Master's in Computer Science Jan'23 - Dec'24
Coursework: Cloud Computing, Data Privacy & Security, Cryptography, Machine Learning

RGPV University, India | Bachelor's of Engineering, Computer Science Aug'16 - May'20
Software Engineering and Project Management(SDLC), Data Structure Algorithms, Operating Systems

WORK EXPERIENCE

Cloud Engineer | Genpact via Sapiaientia Cloud Solutions LLP, Hyderabad, India Mar'22 - Jan'23

- **Designed secure, compliant cloud architectures** on AWS for pharmaceutical clients, meeting **HIPAA, GDPR, and FDA** standards, ensuring **data protection** and **secure access** to sensitive patient and drug information.
- **Automated cloud infrastructure** using **CloudFormation**, cutting manual tasks and **reducing operational costs by 70%** for R&D platforms through efficient scaling and performance optimization.
- Ensured **cloud infrastructure security** with continuous monitoring, implementing **best practices for encryption, compliance, and identity management(IAM)**. Collaborated with cybersecurity teams to mitigate risks and adhere to stringent regulatory requirements, protecting sensitive data.
- **Developed disaster recovery and high-availability solutions**, ensuring **zero downtime** for critical applications like **clinical trials** and **supply chain platforms**, enabling uninterrupted operations globally.
- **Streamlined software deployments** by automating CI/CD pipelines using **Jenkins, GitLab, and Docker**, cutting deployment times and improving **regulatory compliance** for high-demand pharmaceutical services.

Software Engineer | DXC Technology, Chennai, India Jun'20 - Mar'22

- **Developed scalable data pipelines with Python and Apache Spark** to efficiently process large volumes of POS data for P&G and Nestlé, reducing processing time significantly.
- **Implemented CI/CD workflows using Azure DevOps, Git, and Bash scripts**, automating deployments to Azure and ensuring reliable updates with minimal downtime.
- **Optimized MySQL databases on Azure for efficient data storage and retrieval**, enhancing query performance for real-time analytics and reporting.

SKILLS

Scripting: Python, Bash

Cloud Platforms: AWS, GCP

Containerization: Docker, Kubernetes

CI Tools: Jenkins, GitLab

Configuration Management: Ansible

Infrastructure as Code (IaC): Terraform, CloudFormation

Version Control: Git

Monitoring and Logging: ELK Stack, Prometheus, Grafana

Database Management: MySQL, MariaDB

Data Processing and Analytics: Azure Databricks, Apache Spark

AI/ML Tools: TensorFlow, PyTorch, Pyspark, NLP, classification, clustering.

DevOps tools: Jira, Maven

PROJECTS

CI/CD Pipeline Automation [\[Github\]](#) : A full lifecycle of a DevOps CI/CD pipeline, from source code version control to automated application deployment, using various tools like Jenkins, Docker, Kubernetes, Terraform, and Ansible.

Django Portfolio Website on Google Cloud [\[Github\]](#) : Built a Django portfolio website on Google Cloud using Terraform for infrastructure provisioning, implemented continuous deployment, and designed a custom frontend; utilized NGINX and Django views to serve content.

CERTIFICATION

AWS Certified Solutions Architect - Associate (SAA-C03) [\[Credly Badge\]](#)

Mar'24