

ANSAF NAGORI

Chicago, IL | 312-871-7789 | anagori@hawk.iit.edu | <https://www.linkedin.com/in/nagoriansaf/>

SUMMARY

- Versatile technologist with **2+ years** of comprehensive **experience in Cloud and DevOps**, backed by a **Master's in Computer Science** and **AWS Certified Solutions Architect** Associate.
- Highly **skilled and experienced in container technologies, Linux Administration**, and seamless integration of **CI/CD pipelines**, with a demonstrated track record of success in **agile environments**.
- Experienced in **AWS cloud deployments**, optimization **strategies**, and enhancing **cybersecurity measures**, showcasing a holistic approach to **infrastructure management** and **security enhancement**.

EDUCATION

Illinois Institute of Technology, Chicago, IL | Master of Applied Science, Computer Science, GPA: 3/4 Jan 2023 - Dec 2024

Coursework Includes: Cloud Computing, Machine Learning, Data Mining

RGPV University, Bhopal, India | Bachelor of Engineering, Computer Science, GPA: 3/4

Aug 2016 -May 2020

Coursework Includes: Database Management Systems, Computer Networks, Data Structure Algorithms, Operating Systems

SKILLS

Cloud Platforms: AWS, Azure

Containerization: Docker, Kubernetes, AWS EKS

CI Tools: Jenkins, GitLab

Configuration Management: Ansible, CloudFormation

Scripting: Python, Bash

Infrastructure as Code (IaC): Terraform, CloudFormation

DevOps tools: Git, jira, maven

Monitoring and Logging: ELK Stack, Prometheus, Grafana

Version Control: Git

Database Management Skills: MySQL , PostgreSQL

Data Processing and Analytics: Informatica ETL, Azure Databricks, Apache Spark

Artificial Intelligence/Machine Learning: TensorFlow, PyTorch, GPT, Pyspark, NLP, classification, clustering.

Cybersecurity: SIEM (Splunk), Vulnerability Assessment(Metasploit), Network Security, Compliance (ISO 27001, GDPR, NIST), Threat Intelligence, Security Automation (Ansible)

CERTIFICATION

AWS Certified Solutions Architect - Associate (SAA-C03)

WORK EXPERIENCE

DevOps Engineer | Sapiaientia Cloud Solutions, Hyderabad, India

March 2022 – Jan 2023

- Orchestrated an **API integration** with **AWS Lambda** and Boto3 for **OpenSearch/Elasticsearch** log management, **reducing manual intervention by 95%**. Utilized **CloudWatch** Logs for real-time monitoring, **IAM** for secure access, and **CloudTrail** for auditing, ensuring robust governance. Achieved a **70% reduction in storage costs** by **automating log deletion** for entries older than 3 months.
- **Automated 80% of deployment** tasks for new architecture versions utilizing **CloudFormation, Jenkins CI/CD, Python**, and **Shell Scripts**, streamlining the deployment process and significantly **reducing manual workload** and potential for human error by **90%**.
- Achieved a **95% reduction** in resolution **time** for frequent **AWS** and **MariaDB** access issues via **Lambda, shell scripting automation**, demonstrating significant **improvements** in system reliability and operational efficiency.

Software Engineer | DXC Technology, Chennai, India

June 2020 - March 2022

- Led a **30% reduction** in data processing time for Nestle project, leveraging **Informatica** for efficient **ETL** operations and optimizing performance with **Apache Spark's** in-memory processing capabilities.
- Drove a **20-30% improvement** in project delivery times for P&G project, expertly applying **Azure Databricks** for advanced **analytics**, enhancing data-driven decision-making within **Agile** development cycles.

PROJECTS

Scalable Web App Deployment: Automated deployment of a fault-tolerant web app on AWS, utilizing managed services.

- Skills Applied: **AWS Elastic Beanstalk, RDS, S3, CloudFront, CodePipeline, CodeBuild, CloudWatch**
- Implemented: **CI/CD pipeline, auto-scaling, CDN** for global delivery.

Secure Infrastructure Automation: Automated secure infrastructure deployment on AWS using **IaC**.

- Skills Applied: **Terraform, IAM, VPC, Lambda, EventBridge, Config, GuardDuty**.
- Implemented: Automated security checks, network isolation, real-time threat response.