Siddu Nyamagoud
(Aspiring DevOps & Cloud Engineer)

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Career Objective

AWS & DevOps Engineer skilled in Linux, Docker, AWS, and cloud automation. Strong hands-on experience deploying scalable applications on EC2, building multi-container Docker environments, and implementing serverless workflows. Seeking a DevOps/Cloud Engineering role to contribute to real-time deployments and cloud automation projects.

Technical Skills

Cloud: AWS (EC2, VPC, S3, RDS, IAM, ELB, ASG, Lambda, EventBridge, SNS)
DevOps Tools: Docker, Docker Compose, Git/GitHub, Bash Scripting
Operating Systems: Linux (Ubuntu, Amazon Linux, Kali), Windows
Web Servers: Apache, Nginx
Programming: Python, Core Java
Databases: MySQL, MariaDB
Networking: Subnetting, Routing, Security Groups, NACLs

Certifications

- Oracle OCI DevOps Professional • AWS Cloud Foundations – AWS Academy • Operating Systems – NPTEL
- Cybersecurity Fundamentals – YHills

Professional Training

AWS Cloud Computing and DevOps - Fortune Cloud Technologies Pvt Ltd (*August 2025 (ongoing)*)
- Hands-on deployment and configuration of AWS services: EC2, S3, IAM, VPC, RDS, Load Balancer.
- Built production-ready cloud environments, custom VPCs, and multi-tier architectures.
- Practiced DevOps fundamentals: Linux administration, Docker, GitHub, and automation using Bash.

Education

Bachelor of Engineering in Electronics and communication   *June 2025*
Nitte Meenakshi Institute of Technology, Bengaluru.
CGPA – 8.53

Key Projects

1. Dockerized Django Notes App (Docker + Compose + EC2)
- Containerized Django + MySQL + Nginx using **Docker** Compose with persistent volumes.
- Optimized Dockerfile, fixed build-context issues using .dockerignore. and Deployed on AWS EC2 and published image to docker hub **Tech** : Docker, Compose, Django, MySQL, Nginx

2. EBS Snapshot Automation (AWS Lambda + EventBridge + SNS)(GitHub: link↗)
- Event-driven backup pipeline triggered on EC2 state changes.
- Auto-created **snapshots**, tagged resources, and sent **SNS notifications**.
  Tech: Lambda, EventBridge, SNS, IAM

3. Serverless User Signup Workflow (API Gateway + Lambda + SQS + SNS) (GitHub: link↗)
- Implemented asynchronous microservice pipeline for user registrations.
- Integrated API gateway → Lambda → SQS → Consumer Lambda → SNS email
  Tech: Lambda, SQS, SNS, API Gateway

4. AWS Resume Parser – (S3 + Lambda + Comprehend + SNS) (GitHub: link↗)
- Developed a serverless resume parser using **S3, Lambda, Comprehend, and SNS**, extracting text from PDF/DOCX/TXT files and generating structured skill insights.
- Automated notifications and saved analysis results to **S3**, showcasing strong AWS architecture and event-driven **automation** skills.

5. AWS 3-Tier Web Application Deployment (GitHub: link↗)
- Built a production-style **3-Tier architecture on AWS** using **EC2 (web tier), private app tier, and RDS (MariaDB)** for the database layer.
- Configured **VPC with public/private subnets, security groups, and NACLs** to ensure secure network.
- Implemented **Application Load Balancer + Auto Scaling Group** for high availability and scalability.