NAGESH B R

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# OBJECTIVE

Motivated BCA graduate with a strong foundation in DevOps practices, Cloud Computing, and Infrastructure Automation. Proficient in Linux, Docker, Git, Ansible, AWS, and container orchestration. Eager to contribute as an Entry-Level DevOps Engineer by implementing scalable cloud deployments, automating infrastructure, and optimizing CI/CD pipelines.

# EDUCATION

Bachelor of Computer Applications (BCA)  
SDC Degree College, Bengaluru North University — 9.1 CGPA  
Aug 2024

PUC  
Mahila Samaja PU College — 87%  
July 2021

SSLC  
Mahila Samaja High School — 82.5%  
Apr 2019

# SKILLS

• DevOps Tools: Docker, Docker Swarm, Ansible, Git, GitHub, Jenkins  
• Cloud Platforms: AWS (EC2, IAM, Lambda, S3, SNS)  
• Operating Systems: Linux (Ubuntu, CentOS)  
• Scripting & Programming: Python, SQL  
• Concepts: CI/CD, Infrastructure as Code (IaC), Container Orchestration, Cloud Deployment  
• Soft Skills: Problem Solving, Team Collaboration, Interactive Communication

# PROJECTS

1️⃣ Agri Gear Rentals  
Python, SQLite, Flask, Linux, HTML/CSS  
- Developed an E-Commerce website for renting agricultural equipment.  
- Implemented a backend in Python Flask with SQLite database integration.  
- Designed user interfaces and integrated form-based data submission and image uploads.  
- Deployed on a local Linux environment and simulated a production-like setup.

2️⃣ AWS Dockerized Website Deployment using Ansible and Docker Swarm  
AWS EC2, Docker, Ansible, Docker Swarm, YAML  
- Deployed two different website frontends (downloaded from Tooplate.com) by creating two Docker images (v1 & v2) and pushed them to Docker Hub.  
- Installed Docker and configured Docker Swarm cluster on multiple AWS EC2 instances (Manager and Worker nodes).  
- Automated cluster setup and service deployment using Ansible Playbooks.  
- Created Docker Swarm services exposed on port 8080, capable of switching between website versions by updating the image tag in a YAML deployment file.  
- Demonstrated practical knowledge of containerization, orchestration, and infrastructure automation on cloud platforms.

# CERTIFICATIONS

• DevOps Fundamentals – Simplilearn  
• Introduction to Kubernetes – Simplilearn  
• AWS Cloud Practitioner – Simplilearn (Pursuing)  
• Python Full Stack with DevOps – Pyspiders (Pursuing)

# DECLARATION

I hereby declare that the information provided above is accurate and true to the best of my knowledge.  
  
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