

Ganesh Bhange

Tech enthusiast with 2 years of hands-on experience in AWS, Terraform, Python, and various DevOps tools.

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Education

Vishwakarma Institute of Information Technology
Bachelor of Technology in Information Technology (GPA: 8.8)

2019-2023
Pune, Maharashtra

Experience

Syngenta

Jr . Software developer Intern

Aug 2022 - Feb 2023

Pune, Maharashtra

- Optimized scalable ML workflows using Kubeflow pipelines and KServe, integrating CI/CD for automated model deployment and serving; achieved 20% faster rollout and 15% improved inference performance.
- Maintained and continuously optimized ML models, ensuring high scalability and efficient resource utilization.

Lentra AI

Associate engineer

Aug 2023

Pune, Maharashtra

- Designed and managed scalable AWS cloud infrastructure, ensuring high availability, security, and CO.
- Automated infrastructure provisioning using Terraform, creating reusable modules to standardize deployments.
- Architected and implemented networking and firewall configurations to ensure security and compliance.
- Managed SOC alerts using AWS Security Hub, AWS Inspector, Cloudwatch and other security tools.
- Led the provisioning and administration of core AWS services—including EKS, Glue, Lambda, MSK, RDS, and EMR, while optimizing performance, implementing monitoring strategies, and ensuring cost-effective cloud operations.
- Designed and Implemented seamless blue/green deployments to minimize downtime and ensure smooth rollouts.
- Configured HashiCorp Packer to automatically build custom AMIs, ensuring consistency in server configurations.
- Actively implementing various cost optimization strategies, including automated resource lifecycle management, storage optimization, and scheduled scaling of cloud resources , resulting in a 30% cost reduction.
- Worked as an AWS Developer and automated manual tasks using services like SSM Automation, SSM Documents, and Lambda,eliminating 100% of manual effort and improving operational efficiency by 90%.

Projects

E Commerce Website

- * Managed complete development to deployment and live site having integration with shiprocket and Razorpay

Product Counterfeit Protection and Tracking with Blockchain Technology

- * Developed a blockchain-based medicine tracking solution using smart contracts and secure ledgers, presented at IPC 2023, and published in Scopus-indexed proceedings by the Grenze Scientific Society.

Technical Skills

Languages: Python , C++ , Bash/shell

Technologies: AWS, Terraform, Jenkins, Kubernetes, Docker, Linux

Concepts: Cloud Computing, AWS Devops, DSA (tree, graph, queue, stack, lis, code optimization), Operating systems, Networking, AI/ML, Object Oriented Programming, Infrastructure as code ,etc.

Achievements

- Terraform associate certification by Hashicorp,Validated expertise in infrastructure as code
- Indexed research paper "Product Counterfeit Protection and Tracking with Blockchain Technology" in Scopus and presented at the prestigious Twelfth International Conference on Recent Trends in Information Processing and Computing (IPC 2023) and published by the Grenze Scientific Society.
- Copyrighted ML Project: Number Plate Detection Using CNN — Developed an object detection system integrating OpenCV and Convolutional Neural Networks to accurately identify vehicle number plates