

PRANJAL ASHOK BAGADE

Cloud Engineer | DevOps Engineer

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PROFESSIONAL SUMMARY

Results-driven Computer Engineering fresher specializing in Cloud Computing and DevOps with hands-on experience across 35+ AWS projects covering infrastructure automation, networking, security, and web deployment. Proficient in Terraform, CloudFormation, AWS CDK, VPC design, IAM, WAF, and CI/CD pipelines. AWS and Oracle Cloud certified. Strong foundation in Python (Boto3), Linux, and cloud-native monitoring tools. Ready to contribute to cloud engineering and DevOps teams from day one.

TECHNICAL SKILLS

Cloud Platforms: AWS (EC2, S3, Lambda, RDS, VPC, ALB, NLB, CloudFront, Route 53, Auto Scaling, CloudWatch, SNS, CloudTrail, EventBridge, SSM, Athena, X-Ray, Config, GuardDuty, Security Hub, WAF, Cognito, Secrets Manager, Lightsail), Oracle Cloud Infrastructure (OCI)

IaC & DevOps: Terraform, AWS CloudFormation, AWS CDK, CI/CD Pipelines, Ansible, AWS Systems Manager, Auto Scaling Groups

Networking: VPC Design, Subnets, Route Tables, Security Groups, NACLs, VPC Peering, Site-to-Site VPN, Hub-and-Spoke, AWS Network Firewall, VPC Flow Logs

Security: IAM (Roles, Policies, MFA, Access Analyzer), AWS WAF, GuardDuty, Security Hub, Secrets Manager, AWS Config, Zero Trust, CloudTrail + SIEM

Programming: Python (Boto3), HCL (Terraform), YAML, HTML

Tools: Git, AWS CLI, Linux, Apache, Nginx

PROFESSIONAL EXPERIENCE

Cloud Engineer Intern | Nixace Technologies, Mumbai

Oct 2025 – Jan 2026

- Provisioned and managed AWS infrastructure (EC2, S3, VPC, Lambda, RDS) for production cloud workloads
- Configured CloudWatch dashboards and SNS alerts enabling proactive monitoring and faster incident response
- Automated cloud resource management using Python (Boto3) scripts, reducing manual overhead and operational costs
- Diagnosed and resolved networking, security group, and deployment issues across multiple cloud environments

Web Developer Intern | Elightlabs Technology LLP, Mumbai

Jun – Aug 2022

- Built responsive web pages using HTML and front-end technologies, delivering projects on schedule
- Collaborated in a cross-functional team to develop user-focused applications over a 6-week program

KEY AWS PROJECTS

Infrastructure as Code & Automation | Terraform | CloudFormation | CDK | EventBridge | Lambda

- Provisioned VPC, EC2, and RDS using Terraform; automated deployments via CloudFormation and AWS CDK
- Built self-healing EC2 infrastructure with Auto Scaling Groups, ALB, and health-check-based replacement
- Implemented event-driven provisioning — EventBridge triggered Lambda to auto-deploy CloudFormation stacks
- Enforced tagging compliance and automated OS patching using AWS Config Rules, Lambda, and SSM Patch Manager

Web Application Deployment | EC2 | ALB | NLB | S3 | CloudFront | Route 53 | Ansible | Lightsail

- Hosted a static website on S3 with Route 53 DNS routing and CloudFront CDN for global low-latency delivery
- Configured Apache and Nginx on EC2 using Ansible; deployed WordPress on Lightsail with SSL and static IP
- Built scalable web apps with ALB and NLB + Auto Scaling; deployed multi-tier app (VPC, ALB, EC2, RDS)

Networking & Hybrid Connectivity | VPC Peering | VPN | Network Firewall | VPC Flow Logs

- Designed VPN server with private subnet + private RDS, VPC Peering, and Site-to-Site VPN on EC2
- Built Hub-and-Spoke network with shared private RDS across spoke VPCs; deployed AWS Network Firewall for traffic inspection
- Enabled VPC Flow Logs and simulated network attacks; analyzed ACCEPT vs REJECT traffic for forensic investigation

Cloud Security & Compliance | IAM | WAF | GuardDuty | Security Hub | Secrets Manager | CloudTrail

- Secured AWS with IAM least-privilege roles, MFA enforcement, and IAM Access Analyzer for continuous monitoring
- Stored and auto-rotated DB credentials and API keys using Secrets Manager; integrated with Boto3 SDK
- Secured REST API using API Gateway + Cognito + WAF; blocked SQL injection and XSS attacks via managed rules
- Enabled GuardDuty + Security Hub with Lambda auto-remediation; integrated CloudTrail with SIEM for audit logging

Monitoring, Logging & Cost Optimization | CloudWatch | ELK | X-Ray | Athena | Lambda | S3

- Deployed ELK Stack on EC2 for real-time log ingestion and visualization; built serverless URL monitor with Lambda
- Automated shutdown of idle EC2 instances via Lambda + CloudWatch, cutting unnecessary cloud spend
- Implemented X-Ray for distributed tracing; queried S3 logs with Athena; archived CloudWatch logs to S3 with lifecycle policies

CERTIFICATIONS

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| • AWS Cloud Practitioner Essentials — Amazon Web Services (AWS) | Mar 2026 |
| • Oracle Cloud Infrastructure 2025 – Certified Foundations Associate — Oracle University | Feb 2026 |
| • Oracle Cloud Infrastructure 2025 – AI Foundations Associate — Oracle University | Feb 2026 |
| • Introduction to Cybersecurity — Cisco Networking Academy | Sep 2025 |
| • Cyber Job Simulation (Cybersecurity) — Deloitte via Forage | Jul 2025 |
| • Introduction to Cloud Computing — Simplilearn SkillUp | Sep 2025 |

EDUCATION

B.E. – Computer Science Engineering | Smt. Indira Gandhi College of Engineering, Mumbai *Jun 2023 – Present*
Specialization: Internet of Things (IoT), Blockchain & Cybersecurity

Diploma – Computer Engineering | Vidyalkar Institute of Technology, Mumbai *Oct 2020 – Sep 2023*