Kunal Parkhade

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OBJECTIVE

Cloud & DevOps Engineer with 10 months of experience in AWS Cloud, CI/CD automation, cloud security, monitoring, observability engineering, and cost optimization. Strong in building scalable and secure cloud environments and automating operations using AWS-native services. Hands-on with OpenTelemetry, Grafana, Prometheus, CloudWatch Logs/Metrics and distributed tracing, enabling actionable insights through unified logs, metrics, and traces.

TECHNICAL SKILLS

Cloud Platforms: AWS (EC2 (SSH with Bitvise), VPC, Lambda, IAM, App Runner, Amplify, CloudFormation, GuardDuty, CloudWatch, S3, OpenSearch, Glue, Athena, Cognito, Secrets Manager)
DevOps Tools:Terraform, GitHub Actions, Docker, CI/CD, EventBridge, Grafana, OpenTelemetry
Programming/Scripting: Python (Boto3), SQL, Bash
Core Areas: Automation, Monitoring, Cost Optimization (FinOps), Infrastructure Security, Container Orchestration, Observability

EXPERIENCE

Hub9   **March 2025 – December 2025**
AWS DevOps Engineer Intern   *Remote*
- Implemented a unified observability stack using OpenTelemetry Collector, Grafana, Prometheus and CloudWatch; integrated logs, metrics, and traces into a single dashboard, improving troubleshooting efficiency and reducing MTTR by 40%.
- Developed reusable Terraform modules to provision and manage AWS resources (EC2, VPC, ECR, Cognito, S3, IAM), reducing manual provisioning time by 80% and ensuring fully reproducible environments.
- Automated AWS cost monitoring using Lambda, EventBridge, and Slack alerts, improving cost visibility and reducing monthly cloud spend by 15%.
- Migrated CI/CD pipelines from static AWS credentials to GitHub Actions OIDC, eliminating 100% of hardcoded keys and significantly strengthening compliance and pipeline security.
- Deployed and managed containerized applications using AWS App Runner, improving deployment reliability and enabling scalable, serverless container orchestration with 50% lower operational overhead.

PROJECTS

VPN with IAM Identity Center
- Faced the need to provide secure and scalable remote access for distributed teams.
- Configured AWS Client VPN integrated with IAM Identity Center (SSO) for centralized role-based authentication.
- Eliminated credential sharing and reduced access management overhead by 60%.

Security Event Automation
- Identified a lack of real-time visibility into AWS security events, leading to delayed responses.
- Built a serverless alerting pipeline using Lambda + EventBridge, pushing notifications directly to Slack channels.
- Improved detection speed by 70%, strengthening security posture and reducing incident response times.

S3 Log Analysis with Glue & Athena
- Challenge of analyzing unstructured logs; automated schema inference using AWS Glue and query setup in Athena.
- Enabled faster root-cause identification and operational insights from S3 logs.

EDUCATION

Yeshwantrao Chavan College of Engineering   **Dec 2021 – June 2025**
Bachelor of Technology in Computer Science & Engineering - 8.66 CGPA   *Nagpur, Maharashtra*

CERTIFICATIONS

AWS Cloud Practitioner Essentials | *AWS Training and Certification* | URL   **March 2025**

Data Engineering on AWS | *AWS Training and Certification* | URL   **March 2025**

AWS Educate Getting Started with Security | *AWS Training and Certification* | URL   **September 2025**