

VIGNESHWAR M

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EDUCATION

Bachelor of Computer Science, Sri Krishna College of Technology

2018 - 2022

CGPA: 8.1

EXPERIENCE

Senior Engineer

Aug 2025 - Present

Presidio Cloud Solutions

Coimbatore

- Deployed HashiCorp Vault on EKS and on-prem clusters using Terraform and Helm with KMS auto-unseal and dynamic secret injection
- Implemented Sentry on AWS for distributed applications, enabling centralized error tracking and faster production incident triage
- Built Bitbucket Pipelines to containerize and deploy Java services using Ansible, reducing manual release effort and deployment variance
- Migrated CI/CD workflows from Azure Pipelines to GitHub Actions for multi-service platforms, improving pipeline reliability and maintainability

Engineer

Jul 2023 - Jul 2025

Presidio Cloud Solutions

Coimbatore

- Reduced CI pipeline execution time by 50% by restructuring workflows and enabling GitHub Actions parallel job execution with optimized build caching
- Designed and implemented blue-green and rollback deployment strategies for ECS and EKS based services
- Developed reusable GitHub Actions and standardized CI templates adopted across multiple teams
- Provisioned and managed multi-region AWS infrastructure using Terraform, Route53, ALB, and Aurora
- Integrated Auth0 authentication and automated EF database migrations for .NET Core services deployed on ECS

Associate Engineer

Jul 2022 - Jun 2023

Presidio Cloud Solutions

Coimbatore

- Authored reusable Terraform modules for EC2, ALB, NLB, S3 static hosting, and network foundations
- Implemented AWS Landing Zone using AWS AFT with automated account vending, SCPs, conformance packs, and centralized logging
- Automated EC2 lifecycle operations using EventBridge and Lambda to reduce operational overhead
- Built cross-account backup solutions using IAM principal tags and documented handover-ready client runbooks

PROJECTS

Chess Analysis Kit — Github

Built a real-time chess analysis platform using React and Flask/SocketIO with Stockfish 17 for live evaluation, multi-PV analysis, and PGN replay. Deployed on AWS using Terraform (EKS, ALB, S3, CloudFront, Redis, and VPC networking components) with GitOps delivery via Argo CD and GitHub Actions, keyless CI/CD using GitHub OIDC and IRSA, and full observability with Prometheus, Grafana, and CloudWatch.

SKILLS

Certifications

Terraform Associate, AWS Solution Architect Associate, Azure Administrator - 104

Languages/Frameworks

Python, Bash, Javascript, Java, Flask, Spring boot, React, NextJs

Technologies/Tools

Git, Terraform, Heroku, Serverless, Docker, Kubernetes, Helm, ArgoCD, Rancher