

# DIGAMBAR RAJARAM

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## PROFESSIONAL SUMMARY

Infrastructure & DevOps Engineer with 2.4 years of enterprise experience supporting mission-critical government platforms. Strong background in VMware and Windows/Linux infrastructure, **currently transitioning into cloud and DevOps engineering** with hands-on experience in AWS, Terraform, Docker, CI/CD, and Kubernetes.

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## TECHNICAL SKILLS

**Cloud & DevOps:** AWS (EC2, S3, IAM, Lambda, API Gateway, CloudFront, AWS App Runner), Git, GitHub Actions, Jenkins, Terraform (IaC)

**Containers & Automation:** Docker (multi-stage builds), Kubernetes, Ansible, Python, Shell scripting

**Monitoring & Observability:** Amazon CloudWatch, Prometheus, Grafana

**Infrastructure & OS:** VMware vSphere, Windows Server, Linux (Ubuntu), Datacenter Operations

**Application & APIs:** FastAPI, REST APIs, Next.js

**Tools & Platforms (Hands-on / Exploratory):** Codeium, Brainboard, K8sGPT, Vercel, Gradio, Clerk, Amazon Bedrock, SageMaker, Langfuse, Semgrep, S3 Vector Storage

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## PROFESSIONAL EXPERIENCE

**Protean eGov Technologies Ltd, Mumbai, Maharashtra, India**

**Assistant Manager – Infrastructure & DevOps | Mar 2023 – Jun 2025**

**National Pension System (NPS) – Enterprise Infrastructure Platform**

- Owned day-to-day infrastructure operations for a **mission-critical government financial platform**
- Managed **VMware vSphere** environments supporting both production and non-production workloads
- Administered **Windows Server lifecycle** including provisioning, patching, monitoring, and decommissioning
- Handled **Linux-based systems** for application and support workloads
- Led and coordinated **infrastructure operations** activities across a multi-member team
- Performed **capacity planning** for compute, storage, and virtualization layers
- Executed **OS hardening** activities aligned with internal security baselines
- Planned and executed **patch management cycles** with minimal service impact
- Coordinated **VAPT activities** with security teams and tracked remediation actions
- Managed **infrastructure licensing** and compliance documentation
- Participated in **incident response, root-cause analysis, and change management**
- Worked closely with **application, security, and audit teams** to maintain SLA and regulatory compliance

**Internal Infrastructure Automation Project – Inventory Management Tool**

- Designed and developed an **internal inventory management tool** to track hardware and software assets
- Improved **asset visibility, audit readiness, and operational efficiency**
- Reduced manual tracking effort during infrastructure reviews and audits

## Key Achievements

- Promoted to **Assistant Manager (Sep 2023)** based on operational ownership
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## DEVOPS & CLOUD PROJECTS (PERSONAL)

### AI-Driven DevOps Incident Management on AWS

- Built a **production-style incident simulation environment** on AWS to evaluate DevOps Agent behavior using real CloudWatch logs and metrics
- Provisioned infrastructure using **Terraform** with secure bootstrap and application separation
- Implemented **GitHub Actions CI/CD with OIDC** to deploy and manage Lambda and API Gateway
- Performed **failure injection and incident analysis** using deployment history and telemetry data

### AWS Multi-AZ Networking, Load Balancing & Auto Scaling

- Designed and deployed a **multi-AZ AWS VPC** with public, private, and isolated subnets using **Terraform**
- Implemented **ALB/NLB, EC2 Auto Scaling Groups**, NAT Gateways, and secure routing across AZs
- Enforced **security best practices** including least-privilege IAM, IMDSv2, KMS encryption, and tier isolation
- Automated deployments using **GitHub Actions with OIDC** and remote Terraform state (S3 + DynamoDB)

### Scalable & Secure AWS EKS Platform Automation

- Provisioned a **production-ready Amazon EKS cluster** with Multi-AZ networking using **Terraform**
- Implemented **managed node groups**, auto-scaling, and hardened security groups
- Configured **IRSA with OIDC** for fine-grained pod-level IAM access
- Validated workloads via **AWS Load Balancer integration** and documented security and scaling practices

### Production AWS Multi-AZ Web Stack

- Analyzed a **production-grade Multi-AZ three-tier AWS architecture** for availability, security, and scalability
- Reviewed **VPC design** with public, private-app, and private-DB subnets, NAT Gateways, and VPC Flow Logs
- Evaluated **ALB traffic flow and EC2 Auto Scaling**, including IMDSv2, Secrets Manager, and security group isolation
- Identified **architecture risks and improvements** (WAF, VPC endpoints, access logging, secret rotation)

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## TRAINING & UPSKILLING

- Cloud & DevOps Upskilling Program – **Learnbay (Microsoft Collaboration, 2025)**
- AI Engineer MLOps Track – Deploy GenAI & Agentic AI at Scale (Udemy)
- VMware vSphere ESXi & vCenter Administration (Udemy)
- Java Full Stack Development – TalentSprint / Q-J Spiders

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## EDUCATION

### Bachelor of Engineering (BE) - Computer Science and Engineering

VSM's S.R. Kothiwale Institute of Technology, Nipani, Belagavi | **Sep 2018 – Jul 2022**

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