

PRATIKSHA MANE

Senior Cloud Infrastructure & Implementation Consultant | AWS & Azure | DevOps | Polarion ALM
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PROFESSIONAL SUMMARY

Triple AWS-Certified Lead Cloud Consultant with 5+ years of enterprise cloud and ALM delivery at Siemens Digital Industries Software, serving 150+ global clients across Europe and the Americas. Achieved **100% SLA adherence, 99.9% uptime, and zero project failures** across 180+ infrastructure operations on AWS and Azure. Reduced manual effort by 60% and improved reliability by 80% through Python/Ansible automation and CI/CD pipelines. Award-winning professional recognised for cloud automation excellence and cross-functional team enablement.

AREAS OF EXPERTIES

Cloud Platforms & Infrastructure

- AWS: EC2, S3, EBS, EFS, ELB, Route 53, IAM, Lambda, CloudFormation, CloudWatch, EventBridge, SNS/SES, Budgets
- Azure: VMs, VNet Peering, DNS, Load Balancer, NSG, VM Backup & Restore, Azure Storage, Azure Monitor
- Networking: VPC, Subnets, NACLs, Route Tables, VPN, Transit Gateway, Endpoints, SSL/TLS, DNS, LDAP, SMTP

Automation, DevOps & Scripting

- Languages & Tools: Python, Java, AWS CLI, Ansible Automation Platform
- CI/CD & IaC: GitLab CI/CD, AWS CloudFormation, Lambda, Docker
- Version Control: Git, GitHub, SVN (Apache Subversion)

Monitoring, ITSM & Operating Systems

- Observability: Datadog, PagerDuty, AWS CloudWatch, EventBridge, Custom Dashboards
- ITSM & ALM: ServiceNow, Salesforce (SFDC), Siemens Polarion ALM, Postman, TAC, RCA, BCP/DR Planning
- OS: RHEL 7/8/9, Linux Administration, Windows Server

KEY ACHIEVEMENTS

- 150+ global enterprise clients served across Europe & Americas — 100% SLA adherence, zero project failures
- 180+ cloud infrastructure operations executed — 99.9% system uptime maintained throughout
- 80% boost in system reliability through proactive monitoring, alerting, and automation frameworks
- 60% reduction in manual operational effort via 14+ custom Python/Java automation scripts
- 40% faster incident response through real-time Datadog dashboards integrated with AWS & Apache metrics
- 75+ high-priority incidents resolved with >95% first-call resolution rate
- 45+ global training sessions delivered on AWS, Azure, Linux & Polarion — Leadership Award for Cloud Automation Excellence

PROFESSIONAL EXPERIENCE

Lead Implementation Consultant – Cloud & Polarion Operations

Siemens Digital Industries Software | Pune, India

Jun 2021 – Present

- **End-to-End Delivery:** Delivered AWS & Azure-hosted Polarion solutions to 150+ enterprise clients across Europe and the Americas with 100% SLA adherence and zero project failures.
- **AWS Operations:** Executed 180+ infrastructure operations (EC2, EBS, EFS, S3, Route 53, ELB, IAM) — maintaining 99.9% uptime and zero-downtime data migrations including RHEL 8/9 OS transitions and multi-node cluster deployments.
- **Azure Operations:** Automated Polarion installation and upgrade workflows on Azure using Ansible Automation Platform and GitLab CI/CD with Datadog monitoring integration; managed VMs, VNet, NSG, DNS, and Azure Monitor.
- **Automation:** Developed 14+ Python/Java automation scripts for log scraping, diagnostics, health checks, and thread dump analysis — reducing manual effort by 60% and improving incident response by 40%.
- **Monitoring:** Built 5 real-time observability dashboards integrating Datadog, Apache logs, and AWS CloudWatch metrics — cutting incident triage time by 40%.
- **CI/CD & IaC:** Designed and implemented CI/CD pipelines and infrastructure-as-code using GitLab CI/CD, Ansible, Lambda, and CloudFormation for repeatable, automated deployments.
- **Cloud Architecture:** Architected secure, scalable AWS networking (VPC, Subnets, NACLs, VPN, Transit Gateway) using Lambda and CloudFormation; optimised costs via AWS Budgets and consolidated billing.
- **Migration Leadership:** Managed full Polarion cluster upgrades and cross-team data migrations across four teams with zero downtime; directed environment cloning and full disaster recovery.
- **Incident Management:** Resolved 75+ high-priority incidents with >95% first-call resolution through proactive alerting, root cause analysis, and infrastructure stabilisation.
- **Knowledge Sharing:** Authored KMDB knowledge articles and facilitated 45+ global training sessions on AWS, Azure, Linux, and Polarion — recognised with Leadership Award for Cloud Automation and Operational Excellence.

CERTIFICATIONS

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- AWS Certified Solutions Architect – Associate
 - AWS Certified Cloud Practitioner
 - AWS Certified AI Practitioner

EDUCATION

Bachelor of Engineering – Mechanical Engineering

CGPA: 8.35 / 10.0

- PVG's College of Engineering & Technology (COET), Pune, India