



DEBABRATA MALLIK

TECHNICAL PROJECT MANAGER

DOB: 15th April 1985

- [LinkedIn](#)
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Languages Known

- English
- Hindi
- Bengali

EDUCATION

Bachelor of Engineering in Information Science & Engineering (ISE)
Visvesvaraya Technological University

Bengaluru, Karnataka, India
September 2003 – June 2008

PROFESSIONAL SUMMARY

Technical Project Manager with 16+ years of experience delivering large-scale infrastructure, cloud, and AI/ML initiatives across VMware, Windows/Linux, data center consolidation, and multi-cloud environments (AWS & Azure). Proven expertise in program management, migration strategy, cross-functional leadership, and data-driven decision making. Adept at bridging technical depth with business outcomes, driving cost savings, performance improvements, and successful enterprise transformations.

CORE COMPETENCIES

- ✓ **Infrastructure & Cloud:** VMware (vSphere, vCenter, ESXi, SRM, vMotion, HA, DRS), Windows/Linux Servers, Data Center Migrations, AWS, Azure
- ✓ **Project Management:** Agile, Waterfall, Hybrid Models, Stakeholder Management, Risk & Budget Control, Governance
- ✓ **Data Science & AI/ML:** Tableau, Excel, Python (Pandas, Matplotlib, Scikit-learn), SQL, Predictive Analytics
- ✓ **Container & Modern Infra:** Kubernetes (GKE), Networking, Storage, Backup, Monitoring (Prometheus, Grafana, ELK)
- ✓ **Leadership:** Program Governance, Team Mentoring, Vendor Management, Executive Reporting

TOOLS

- Jira/Confluence
- HPSM/TSM Helix
- Tableau
- Power BI
- Advanced Excel
- Matplotlib
- Pandas
- GitHub/GitLab
- Terraform
- Ansible
- Active Directory
- PowerShell

PROFESSIONAL EXPERIENCE

Technical Project Manager | Tata Consultancy Services Ltd. | Kolkata | January 2015 – Till date

- ✓ Led data center migration of 500+ workloads from VMware to Azure, reducing infra cost by 20% and improving scalability.
- ✓ Directed VMware-to-Cloud migration strategy leveraging vMotion and HCX for minimal downtime.
- ✓ Implemented VMware Site Recovery Manager (SRM) for automated DR orchestration during migration.
- ✓ Designed capacity planning and cluster optimization for VMware workloads before cloud transition.
- ✓ Directed cloud adoption program across AWS & Azure, implementing right-sizing and cost governance frameworks.
- ✓ Designed and executed predictive ML models (Python, SQL) for IT operations, reducing unplanned outages by 30%.
- ✓ Oversaw cross-functional teams (infra, cloud, app, data science) across multiple geographies; established business processes and dashboards.
- ✓ Delivered Tableau dashboards for infra utilization and cost trends, leading to 15% decommissioning of unused resources.
- ✓ Designed and delivered server build automation using Ansible by integrating infrastructure tools, reducing effort by 60%.

IT Operations Analyst | Accenture Services Pvt. Ltd. | Kolkata | November 2013 – January 2015

- ✓ Managed consolidation of 3 data centers into 1, saving \$1.5M annually and reducing footprint by 30%.
- ✓ Led VMware infrastructure upgrades (vSphere 6.5 to 7.x) ensuring compliance and vendor support.
- ✓ Implemented VMware HA & DRS optimization, improving uptime and utilization across clusters.
- ✓ Executed large-scale P2V migrations, reducing hardware dependency and improving scalability.
- ✓ Standardized Windows patching (WSUS) and Linux patching (Ansible), improving compliance from 70% → 95%.
- ✓ Coordinated infra monitoring transformation with ELK stack and later migration to Prometheus + Grafana.
- ✓ Partnered with security teams to integrate backup and DR strategy for hybrid workloads.

Senior Systems Engineer | Infosys BPO Ltd. | Bengaluru | January 2011 – October 2013

- ✓ Designed and maintained large-scale VMware + Windows/Linux infra for enterprise workloads.
- ✓ Played key role in physical to virtual (P2V) migration, cutting hardware costs by 25%.
- ✓ Performed vMotion-based live migrations to balance workloads across clusters with zero downtime.
- ✓ Mentored engineers on Linux administration, networking basics, and automation scripting.
- ✓ Introduced infra monitoring KPIs to management, paving way for proactive capacity planning.

IT Support Engineer | Aivea Software Pvt. Ltd. | Bengaluru | October 2008 – January 2011

- ✓ User account administration, group membership assignment (security and distribution groups).
- ✓ Managing Organizational Units (OUs) for users, computers and applying Group Policy Objects (GPOs) for basic settings.
- ✓ Monitoring account lockouts, login failures, and basic server monitoring (CPU, memory, disk, service status).
- ✓ Start/stop/restart Windows, Linux services and managing shared folders and NTFS permissions.
- ✓ Troubleshooting network connectivity (LAN/Wi-Fi), printer configuration, and troubleshooting.

CERTIFICATIONS

- AWS Certified Solution Architect
- Certified Kubernetes Administrator
- Microsoft Certified System Administrator

PROFESSIONAL TRAINING

- Data Science, ML and AI (Pursuing)
- vSphere 6.5 ICM, optimize & scale
- Active Directory Domain Services