

ESWAR RAVITEJA RAYAVARAPU

TECHNICAL PROJECT MANAGER | BUSINESS ANALYST | CLOUD & INFRASTRUCTURE TRANSFORMATION

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SUMMARY

Technical Project Manager with over 11 years of experience leading large-scale cloud migration and infrastructure transformation programs across telecom and enterprise environments. Proven expertise in managing end-to-end AWS migration initiatives, including legacy application modernization, OSS/BSS platform alignment, and hybrid cloud deployments. Strong track record of delivering multi-wave migration programs with minimal disruption, driving cross-functional collaboration across network, infrastructure, application, and security teams. Experienced in AWS public cloud project delivery, including planning, execution, risk management, and performance optimization, ensuring alignment with business and client objectives.

CORE COMPETENCIES

Program Management (Large-Scale Cloud Transformation)
AWS Cloud Migration (Legacy → AWS / Hybrid Cloud)
SDLC Methodologies (Agile, Waterfall, Hybrid)
Telecom Systems (OSS/BSS Platforms)
Migration Planning & Cutover Execution
Infrastructure & Application Modernization
Program Governance (RAID, Risk, Compliance)
Cross-Functional Leadership (Network, Infra, Security, Apps)
Change Management & Release Control
Stakeholder & Executive Communication
Operational Readiness & Post-Migration Stability
Infrastructure Cost Optimization & Financial Tracking

TECHNICAL SKILLS

Cloud Platforms: AWS (EC2, S3, IAM, VPC, CloudWatch, Migration Hub), Azure (VMs, Storage, NSG)
Infrastructure: Linux (RHEL, SLES, CentOS), VMware vSphere, High Availability, Disaster Recovery
Databases: Oracle, MS SQL Server, DB2 (familiarity), AWS RDS, Aurora, Dynamo DB
Migration Tools: AWS MGN(CloudEndure), AWS DMS, AWS Migration Hub, DataSync, Snow Family, MAP
Telecom: OSS/BSS Systems, Service Delivery Platforms, Network Infrastructure Integration
Programming: Python (Pandas, NumPy, Scikit-learn, Streamlit), SQL, Bash (Shell Scripting)
Tools: Power BI, Advanced Excel, JIRA, Confluence, ServiceNow, MS Project, Visio, Git
AI Technologies: LangChain, RAG, Vector Databases (ChromaDB), Ollama, Model Validation

PROFESSIONAL EXPERIENCE

Aivanta Tech Inc

Remote (USA) | June 2026 – Present

Technical Project Manager

- Managed multiple concurrent technology initiatives coordinating engineering, business, and infrastructure teams to deliver project milestones on schedule.
- Facilitated Agile and SAFe ceremonies including sprint planning, backlog refinement, retrospectives, and cross-team dependency management while removing delivery impediments.

- Produced executive dashboards, delivery metrics, RAID logs, and SDLC documentation improving program health visibility for executive leadership.
- Partnered with engineering teams, product managers, and business stakeholders to align delivery execution with product roadmaps and business objectives.

Community Dreams Foundation

Remote (USA) | Dec 2025 – May 2026

Technical Project Manager

- Led development of RenewSight-AI, an AI-powered predictive analytics and decision support platform leveraging data modeling and intelligent insights generation.
- Defined system architecture including data pipelines, model workflows, and AI-driven recommendation logic.
- Collaborated with engineering teams on AI model integration, data processing, and output validation strategies.
- Drove end-to-end delivery from ideation to deployment readiness using Agile methodologies.
- Translated stakeholder needs into AI/ML solution requirements including model evaluation, performance metrics, and scalability considerations.
- Built reporting frameworks and dashboards to monitor system effectiveness and business impact.

Savvy Global Technologies

Remote (USA) | July 2025 – Nov 2025

Technical Project Manager | AI Innovation Program

- Led cross-functional engineering teams delivering AI-driven automation and analytics initiatives.
- Coordinated machine learning lifecycle activities including experimentation tracking, validation checkpoints, and deployment readiness.
- Improved delivery timelines by approximately 20% through sprint restructuring and dependency mitigation.
- Developed executive dashboards translating model outputs into operational insights for leadership stakeholders.

DXC Technology (EIT Services India Pvt Ltd)

India | Feb 2020 – Dec 2023

Technical Project Manager | Cloud Migration Programs

- Delivered large-scale infrastructure and cloud migration programs for global enterprise clients including AT&T, ISOS (Workforce Resilience), DIRECTV, and Downer supporting multi-region, high-availability environments.
- Directed enterprise infrastructure modernization across hybrid cloud environments (AWS/Azure and on-prem), covering compute, network, and platform layers for large-scale migration programs.
- Led migration of 250+ internally hosted applications across 1000+ servers from on-prem to AWS, ensuring dependency alignment, coordinated cutovers, and minimal business disruption.
- Led multi-wave cloud migration programs using MGN (Cloud Endure), coordinating infrastructure, application, and platform teams across global delivery locations.
- Managed end-to-end migration lifecycle including discovery, dependency mapping, wave planning, risk management, and production cutover execution.
- Coordinated cross-functional teams (~40 resources) across network, infrastructure, application, and operations domains to drive migration delivery.
- Acted as primary bridge between business stakeholders, client leadership, and engineering teams, ensuring alignment, communication, and delivery transparency.
- Proactively escalated blockers and drove decisions across stakeholders, improving delivery timelines and reducing delays by ~30%.
- Oversaw release readiness, change management, rollback planning, and validation processes to ensure stable cutover execution.
- Implemented RAID governance, project tracking, and executive dashboards to improve visibility and control.
- Developed detailed project plans, schedules, and budgets ensuring timely delivery of migration programs.

- Leveraged Universal Discovery for dependency mapping and migration readiness assessment supporting accurate wave planning.
- Drove 15–20% infrastructure cost optimization through migration sequencing, platform consolidation, and workload rationalization.

ADECCO Global

India | May 2019 – Jan 2020

Sr. Linux Migration Engineer | HPI Tattoo Beyond Migration

- Executed large-scale infrastructure migration activities supporting enterprise and telecom environments.
- Performed migration readiness assessments, validation, and rollback planning for controlled execution.
- Supported replication-based migrations using VMware and Carbonite tools.

Ericsson India Global Services

India | Jun 2017 – Nov 2018

Solution Integrator | T-Mobile SDG Platform

- Supported telecom OSS/BSS platform operations including upgrades, patching, and service delivery enhancements.
- Coordinated UAT validation and ensured system readiness across telecom service environments.
- Managed deployments and production releases ensuring service continuity and system stability.

Huawei Technologies India

India | Oct 2016 – May 2017

Sr. Technical Engineer | MTN SA Service Delivery Platform

- Led telecom service onboarding and integration within OSS/BSS-driven service delivery platforms.
- Performed system validation, performance tuning, and production issue resolution.
- Conducted root cause analysis for critical telecom service disruptions.

Tata Teleservices Ltd

India | Jun 2013 – Oct 2016

Technical Engineer | TATA SDP, Device Management & DSTK Platform

- Administered Linux environments supporting telecom service delivery platforms.
- Implemented monitoring solutions using SNMP and CACTI to improve infrastructure visibility.
- Automated operational tasks using shell scripting improving operational efficiency.

APPLIED AI PROJECTS:

- *RenewSight-AI Predictive Analytics Platform:* Led the end-to-end development of RenewSight-AI, an AI-powered predictive analytics platform, managing stakeholder requirements, Agile delivery, AI/ML workflows, KPI definition, and business impact measurement.
- *Retrieval-Augmented Generation (RAG) System:* Built a local RAG application using Python, ChromaDB, LangChain, and Ollama including document ingestion, embeddings, vector indexing, and retrieval orchestration.
- *Hybrid Forecasting & Decision Support Model:* Built hybrid forecasting workflow integrating time-series models with prioritization rules and dashboard visualization for operational decision-making.

CERTIFICATIONS

Certified Scrum Master (Scrum Alliance) | SAFe Scrum Master (SSM) | AWS Solution Architect Associate – *In progress*
| Microsoft AZ-900 | Oracle OCI Foundations

EDUCATION

Master of Science – Information Systems, *Stevens Institute of Technology*

Bachelor of Technology – Electronics & Communication Engineering, *Aditya Engineering College, JNTUK*