# AMAN SHARMA

**Project Manager | Electrical Infrastructure | Power Systems & T&D**

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## PROFESSIONAL SUMMARY

Project Manager with 6+ years of experience managing electrical infrastructure deployment, substation-related initiatives, transmission and distribution (T&D), and enterprise programs across portfolios exceeding $20M. Skilled in end-to-end project lifecycle management, construction coordination, project scheduling, budget forecasting, resource allocation, risk mitigation, procurement, and stakeholder management. Successfully coordinated multi-site infrastructure deployment across 8+ sites and 5+ corridors, resolved 15+ pre-construction scope changes, and achieved 100% on-time Phase 1 completion. Combines an Electrical and Electronics Engineering background with expertise in project controls, utility coordination, contractor management, regulatory compliance, and cross-functional program delivery.

## TECHNICAL SKILLS

**Project & Program Management:** Project Lifecycle Management, Project Planning & Execution, Project Scope Management, Budget & Cost Control, Resource Allocation, Project Governance, Risk & Issue Management, Change Management, Stakeholder Management, Project Closeout

**Electrical Infrastructure & Power Systems:** Electrical Infrastructure Deployment, Substation Infrastructure, Transmission & Distribution (T&D), Power Distribution Systems, Substation Equipment, Power Transformers, Switchgear, Circuit Breakers, Protection & Control Systems, Electrical Panels, Control Wiring, Grounding & Earthing Systems

**Project Controls & Scheduling:** Primavera P6, Microsoft Project, Project Scheduling, Project Baseline Management, Critical Path Analysis, Milestone Tracking, Look-Ahead Planning, Schedule Variance Analysis, Earned Value Management (EVM), Cost Forecasting, Project KPI Tracking

**Construction & Field Execution:** Site Readiness, Construction Coordination, Equipment Deployment, Installation Planning, Field Implementation, Contractor Management, Field Progress Monitoring, Utility Coordination, Site Issue Resolution, Commissioning Coordination, Acceptance & Handover

**Engineering & Technical Coordination:** Single-Line Diagrams (SLD), Engineering Drawing Review, Wiring Diagrams, Technical Specifications, Equipment Submittals, Bill of Materials (BOM), Engineering Change Requests (ECR), Request for Information (RFI), Design Review, Technical Documentation

**Procurement & Vendor Management:** Equipment Procurement, Purchase Order Tracking, Material Planning, Supplier Management, Vendor Coordination, Lead-Time Monitoring, Vendor Deliverables, Supply Chain Coordination, Material Availability

**Quality, Testing & Compliance:** QA/QC, Factory Acceptance Testing (FAT), Site Acceptance Testing (SAT), Inspection & Test Plans (ITP), Functional Testing, Integration Testing, Defect Tracking, Punch List Management, OSHA Safety Practices, Lockout/Tagout (LOTO), Permit-to-Work (PTW)

**Tools & Reporting:** Microsoft Excel, Power BI, Jira, Confluence, AutoCAD, SAP, SharePoint, Microsoft PowerPoint, Microsoft Word, Project Dashboards, Progress Reporting

**Leadership & Communication:** Cross-Functional Team Coordination, Client Communication, Utility Stakeholder Management, Engineering Team Coordination, Vendor & Contractor Management, Executive Reporting, Issue Escalation

## PROFESSIONAL EXPERIENCE

**Massachusetts Department of Transportation (MassDOT) | Boston, MA** **Jun 2024 - Present**

*Project Design Manager*

- Directed end-to-end delivery of federally funded National Electric Vehicle Infrastructure (NEVI) deployment across 8+ sites and 5+ highway corridors, managing project scope, engineering coordination, construction readiness, schedules, and delivery milestones.
- Coordinated utility providers, including National Grid and Eversource, engineering consultants, charger manufacturers, contractors, and internal stakeholders to align electrical design requirements, utility interconnections, site readiness, and deployment dependencies.
- Managed project budgets, cost forecasts, and financial controls across 50+ deliverables, tracking capital equipment procurement, material availability, vendor commitments, and federal funding requirements to maintain financial and delivery visibility.
- Led engineering design reviews and resolved 15+ pre-construction scope changes by evaluating technical requirements, coordinating design clarifications, assessing project risks, and managing changes to minimize downstream construction delays.
- Oversaw project quality, safety, and regulatory compliance activities across multiple jurisdictions, coordinating with municipal authorities, utility representatives, and federal agencies while maintaining zero compliance findings.
- Implemented Jira-to-Confluence project reporting dashboards to consolidate engineering deliverables, project milestones, schedule risks, dependencies, and delivery updates, reducing manual reporting effort by 40%.
- Standardized site evaluation procedures, design coordination workflows, and project reporting practices to improve consistency in technical assessments, project governance, and portfolio-level delivery visibility.
- Achieved 100% on-time Phase 1 completion through proactive schedule management, contractor oversight, utility coordination, risk mitigation, and cross-functional issue resolution.

**Accenture Consulting | India** **Feb 2020 - Dec 2022**

*Project Analyst*

- Coordinated enterprise project delivery across 3 concurrent workstreams, managing project schedules, scope, budgets, resource allocation, delivery dependencies, and stakeholder expectations to maintain execution alignment.
- Strengthened project financial governance through budget monitoring, cost controls, and structured change management procedures, reducing change-request exposure by $500K.
- Improved on-time project delivery from 72% to 91% by implementing milestone tracking, resource planning, schedule variance monitoring, and proactive resolution of cross-workstream dependencies.
- Prepared project performance reports and management dashboards covering delivery progress, financial risks, schedule deviations, and cost-saving opportunities, supporting initiatives associated with $7M in annual cost savings.
- Established project governance routines through delivery plans, milestone reviews, action trackers, and dependency logs, improving accountability and execution visibility across 3 concurrent workstreams.
- Facilitated cross-functional project meetings with business, technology, and delivery teams to resolve dependencies, prioritize critical activities, communicate decisions, and maintain alignment with program objectives.
- Managed project risk and issue tracking through RAID logs, mitigation plans, escalation procedures, and stakeholder updates, helping address delivery blockers and communicate schedule and resource impacts.

**Mphasis | India** **Jan 2019 - Jan 2020**

*Project Manager*

- Translated business requirements, BRDs, FSDs, Jira user stories, and wireframes into actionable project deliverables by coordinating requirement clarification, stakeholder reviews, and development team alignment, reducing requirement gaps and downstream rework by 35%.
- Coordinated product owners, development teams, and QA stakeholders to establish sprint priorities, clarify delivery expectations, allocate responsibilities, and maintain alignment between business requirements and project milestones.
- Developed project testing and quality management plans defining scope, resource requirements, execution schedules, quality checkpoints, and delivery dependencies across multiple testing phases.
- Established requirements traceability and project quality tracking through Requirements Traceability Matrices (RTMs), aligning business requirements, functional specifications, test deliverables, and validation activities to achieve 100% documented requirements coverage.
- Managed testing and release coordination across Functional Testing, System Integration Testing (SIT), and System Testing, monitoring execution progress, resolving delivery dependencies, and coordinating business stakeholder approvals for User Acceptance Testing (UAT).
- Led cross-functional defect review meetings and issue resolution activities, coordinating development and QA teams to prioritize critical defects, improve resolution rates by 40%, and secure production release approvals through the Change Approval Framework (CAF).

## PROJECTS

**Substation Site Prioritization Framework**

- Developed a multi-criteria site evaluation model using Microsoft Excel, GIS, and Jira to assess 30+ candidate locations based on grid capacity, interconnection feasibility, and construction readiness, reducing evaluation time from 6 weeks to 3 weeks.

**Portfolio Risk & Cost Dashboard**

- Built an automated Jira-to-Excel reporting pipeline consolidating project milestones, cost forecasts, and risk indicators across the infrastructure portfolio, saving 5 hours per week in manual PMO reporting.

## EDUCATION

**Northeastern University | Boston, MA** **Jan 2023 - May 2025**

Master of Science in Engineering Management - Project Management

**Manav Rachna University | Faridabad, India** **Jul 2015 - Apr 2019**

Bachelor of Technology in Electronics and Communication Engineering