

Applicant Name: Mahdis Kanani
Title: Project Manager
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Summary

Highly motivated and results-driven Project Manager with 18+ years of experience delivering large, complex, and mission-critical industrial and infrastructure programs. Skilled in leading projects across the full lifecycle from feasibility and requirements definition through design, construction, commissioning, integration, and operational readiness. Adept at managing multi-disciplinary engineering teams, coordinating technical interfaces, and ensuring projects are delivered on time, within scope, and under controlled risk and budget structures. Strong background in process improvement, governance, system integration, and data-driven decision-making, supported by hands-on expertise with Primavera P6, MS Project, Agile/Scrum, Azure DevOps, and Jira. Recognized for clear communication, stakeholder alignment, and consistently enabling safe, efficient, and high-quality project delivery.

Core Skills and Expertise

- **Infrastructure & Systems Delivery**
 - End-to-end project lifecycle: feasibility → design → construction → commissioning → handover
 - Requirements definition, workflow mapping, technical scoping, interface management
 - Multi-disciplinary coordination (mechanical, electrical, civil, utilities, operations)
- **Project & Program Management**
 - Planning, scheduling, resource allocation, cost tracking, and risk management
 - Governance frameworks, scope control, contract oversight, procurement alignment
 - Performance monitoring through KPIs, progress dashboards, and variance analysis
- **Construction, Commissioning & Operational Readiness**
 - Readiness assessments, integration planning, sequencing, and outage/shutdown planning
 - FAT/SAT-style testing coordination, issue resolution, punch-list tracking
 - Ensuring safe execution, compliance, and multi-team alignment
- **Process Optimization & Digital Enablement**
 - Streamlining workflows, improving coordination mechanisms, and enhancing data visibility
 - Predictive analysis, scenario planning, and continuous improvement initiatives
 - Experience working in complex, asset-intensive and highly regulated environments
- **Agile Delivery & PM Tools**
 - Agile, Scrum, and Kanban for structured technical delivery
 - Primavera P6, MS Project, Azure DevOps, Jira, Smartsheet
 - Document control, reporting, and structured communication flows
- **Communication & Stakeholder Leadership**
 - Strong communication with technical and non-technical stakeholders
 - Cross-functional collaboration across engineering, operations, HSE, finance, and vendors
 - Conflict resolution, decision-making support, and alignment across large project teams

Education

- **M.Sc. in Scio-Economics Systems Engineering**, University of Science and Research, 2011-2013, rank 3 in National Entrance Exam (Partially funded, ranked 1st Iranian private university)
Thesis: Impact of deregulation & subsidy cuts on electricity distribution system efficiency
- **B.Sc. in Chemistry**, Shahid Beheshti University, 2000-2004, (fully funded, ranked among the top 5 universities in Iran)

Professional Experience & Achievements

Company: Shell Energy and Chemicals Park Rotterdam, (www.shell.nl), 2024-2025

Title: Project Portfolio Scheduler

Projects: 60+ multi-discipline projects (CAPEX €0.4M–€25M), including 27 Electrical & Instrumentation projects forming the site-wide Instrument Master Plan

Duties & Achievements:

- Developed and maintained integrated lifecycle schedules (Assess → Select → Define → EPC → Operation) for 60+ CAPEX projects, establishing structured planning governance and aligning scope, milestones, deliverables, and multi-stakeholder interfaces for complex infrastructure programs.
- Performed progress tracking, critical path analysis, risk-based forecasting, impact assessments, and corrective action planning using Primavera P6, ensuring accurate reporting, schedule transparency, and reliable decision-making for multi-disciplinary engineering environments.
- Facilitated cross-functional coordination across engineering, procurement, construction, commissioning, and operations teams; served as focal planner in regional BOT meetings, enabling consistent communication, issue resolution, and alignment with portfolio-level governance for large technical projects.

Company: RewearLand, (www.rewearland.nl), 2023-Now

Title: CEO and Co-founder

Project: AetherLink, RewearLand

- Led the creation of two digital platforms using AI and blockchain, defining strategy, product architecture, and the end-to-end delivery roadmap while coordinating technical and business teams.
- Applied Agile/Scrum to structure project delivery, manage sprints, and guide cross-functional teams (DevOps, AI/ML, Design, Operations), ensuring clear documentation, alignment, and predictable execution.
- Mentored 3 (2 electricity power related startups) international early-stage startups from concept to MVP, supporting process mapping, operational setup, stakeholder coordination, and the implementation of scalable digital workflows.

Company: National Iranian Petrochemical Company (NIPC) (www.nipc.ir), 2021-2023

Title: Project Manager

Projects: ERP & Automation Project

Duties & Achievements:

- Phase 1 – Internal Infrastructure & Systems Readiness
 - Led early-stage feasibility, requirements definition, and process mapping for critical organizational platforms involving asset monitoring, operational planning, investment tracking, and governance workflows activities directly aligned with early-phase site & infrastructure planning for data center developments.
 - Standardized cross-functional workflows across engineering, operations, technical, financial, and regulatory departments, creating a unified foundation for infrastructure coordination and construction readiness.
- Phase 2 – External Ecosystem Integration (Industrial Facilities & National Systems)
 - Coordinated infrastructure and data integration between central NIPC systems and external industrial facilities including production complexes, storage hubs, customs systems, and national logistics networks experience relevant to multi-system integration in data center ecosystems.
 - Defined interface requirements, data exchange standards, and integration protocols to enable seamless connectivity across more than 50 industrial sites parallel to defining MEP, network, and systems interfaces in data center construction and commissioning.
 - Supported vendor evaluation, RFP processes, and architectural design for multi-site integration, contributing to strategic decision-making in selecting infrastructure, systems, and contractors equivalent to vendor & contractor selection in data center development.

Company: National Iranian Petrochemical Company (NIPC) (www.nipc.ir), 2017-2023

Title: Senior Project Engineer

Projects: EPC Portfolio (Feasibility, Process Alignment, Transformation Readiness)

Duties & Achievements:

- Supported feasibility and early-phase planning for major EPC projects through requirements definition, workflow analysis, process mapping, and technical scoping to establish operational and engineering foundations.
- Collaborated across engineering, supply chain, finance, and operations to align processes, manage risks, and support governance across multi-disciplinary workstreams.
- Developed CAPEX/OPEX models, scenario analyses, and business cases to inform investment prioritization and long-term planning.
- Assessed site readiness, system dependencies, and regulatory constraints to strengthen integration readiness and risk mitigation.
- Assisted with vendor prequalification, RFP preparation, and technical-commercial evaluations for complex multi-stakeholder projects.
- Contributed to value-chain optimization initiatives, including sustainable demand-supply modeling (~\$2B), and supported strategic research for the 7th Five-Year Petrochemical Development Plan and organizational Dynamic Leadership (DL) Model projects

Company: National Iranian Oil Refining and Distribution Company (NIORC) (www.niordc.ir), 2012- 2017

Title: Project Manager

Projects: +4 R&D projects like RFCC, FCC, Caramel Project Management Integrated Mechanized Information System (CPMIS)

Duties & Achievements:

- Managed multiple technical R&D projects end-to-end, overseeing planning, scheduling, risk management, and execution to ensure on-time and budget-compliant delivery.
- Developed integrated schedules, WBS, S-curves, and performance dashboards, enabling structured reporting and data-driven decision-making for complex engineering initiatives.
- Coordinated cross-functional teams, procurement, and technical units, ensuring clear communication, workflow efficiency, and alignment across all project stages.

Company: Tehran Oil Refinery Company (TORC) (www.torc.ir), 2009-2012

Title: Senior Project Engineer

Projects: Normal hexane Extraction Project, maintenance planning of South Distillation and Liquid Gas, South Izomax, Hydrogen and Sulfurization, Kerosene Desulfurization, Hydrogen No. 3, Sulfurization No. 3,

Duties & Achievements:

- Prepared and updated EPC and maintenance schedules for key operating units, managing shutdowns, inspections, and equipment overhauls using Primavera P6, MS Project, and CMMS. Ensured tasks were properly sequenced, resources were available, and activities were coordinated for smooth and timely execution.
- Performed risk assessments and developed contingency plans to reduce downtime and maintain operational continuity. Worked closely with engineering, maintenance, and operations teams to support safe, efficient, and well-coordinated project and maintenance activities.

Company: Bakhtar petrochemical Group Company (www.bakhtargroup.com) 2008-2009

Title: Senior Project Engineer

Projects: Holding of 11 petrochemical programs/projects

Duties & Achievements:

- Conducted multi-site feasibility and pre-construction planning, including CAPEX/OPEX evaluation, IRR analysis, and scenario/resource planning; ensured HSE compliance and safe execution

Company: Amir Kabir Petrochemical Company (AKPC) (www.akpc.ir), 2005-2008

Title: Project Engineer

Projects: LLDPE Plant

Duties & Achievements:

- Planned and controlled multi-disciplinary engineering, construction, and commissioning activities using Primavera P6 & MS Project, ensuring proper sequencing, resource allocation, on-time execution, and KPI/budget tracking.
- Coordinated engineering, construction, and operations teams, managing risks, communication, and workflow alignment to support safe, efficient, and uninterrupted project delivery.

Licenses & Certifications

- VOL-VCA, Pontifex Certificatie, 2024
- Scrum Master for PSPO I Certificate, Scrum School
- Professional project management course (MSP+P6+PMBOK), Tehran Technical Complex
- Cost Control, Tehran Institute of Technology
- Strategy Dance (Applied Strategic Planning for the Unexpected and Uncertain World), Kaarmaan
- Critical Strategic Foresight Tools for Sustainable Productivity, APO
- Smart Manufacturing 101 in a Blockchain-driven Era, APO
- Business analysis body of knowledge BABOK V3 Foundation, NIS ICT
- Organizational behavior management, TUV NORD IRAN

Publications

- Kanani, M. & Sadjadi, S.J., Regulatory reform of the electricity distribution in Iran: What is the impact of deregulation on efficiency of the electrical distribution system? Energy, (Revised).
- Kanani, M. How Energy Efficiency of Iranian Oil Refining Firms Changes in Time: An Empirical Test Based on RSDEA, FSDEA Models and Sensitivity Analysis. Journal of Contemporary Management,
- KananM, M., RSDEA and RHJE models for job evaluation in oil and gas industries considering uncertainty, 5th Conference on Industrial Technology and Management, March 17-18, 2016, Paris.
- Kanani, M., RHJE model for job evaluation in oil and gas industries considering uncertainty, 2nd International Conference on Futures Study, Management and Economic Development, 2016, Iran.
- Kanani, M., Najafi, E., Rating of Assessed Units by EFQM Model by Robust Super DEA Approach, International Conference on Modern Research in Management and Industrial Engineering.
- Kanani, M. How Energy Efficiency of Iranian Oil Refining Firms Change by RSDEA, FSDEA and Sensitivity Analysis, International Research Conference on Business, Economics and Social Sciences

Languages

Persian, English, Dutch (Beginner)

Software Proficiencies:

Project Control: Primavera P6, MS Project, SAP S/4HANA, Oracle ERP, Azure/ **Data & Reporting:** Power BI, COMFAR/ **Other Tools:** Python, Rhino, Grasshopper, Prezi

Voluntary Activities

- Editorial Board Member of:
 - Quarterly Journal of the Academy of Strategic Management Journal
 - Quarterly Journal of Energy Policy and Planning Research
 - Quarterly Journal of Fiscal and Economic Policies
- Bring forth the social business to some charity organizations
- Illustrate NAMAD as an NGO supporting the rights of children (as a team member)

Hobbies

- **Art:** Calligraphy- painting, Woodcarving, Painting, 3-D Calligraphy-Painting
- **Sport:** Mountain-Climbing (Planned & organized more than 30 hiking and mountain climbing programs), Paragliding, Cycling, Motorcycling, Squash, Swimming, Basketball