

MAUTIK BHARATBHAI PATEL

Principal Systems Analyst | AI, Data & Analytics | Solution Delivery Leader

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PROFESSIONAL SUMMARY

BI & Solution Delivery Manager with 11+ years of experience delivering end-to-end projects across multiple domains. Oversaw a **\$4.5M portfolio across 4 enterprise clients**, with a track record of **delivering 70+ initiatives and converting over 3,000 complex requirements** into scalable analytics solutions. Mentored **30+ professionals**, built high-performing teams and drove consistent delivery excellence. **Served as a trusted partner to VP/Director-level stakeholders**, aligning business, engineering, and data to enable execution and data-driven decisions. Recognized with **4 promotions and 15+ awards** for sustained impact and leadership.

CERTIFICATIONS

PRINCE2® | CSM® | ITIL® 4 | Snowflake | Google: Generative AI | Microsoft Certified Professional (MCP®)

PROFESSIONAL EXPERIENCE

Principal Systems Analyst (BI & Solution Delivery Manager)

January 2017 – Present

Altera Digital Health

Vadodara, India

- Delivered **70+ enterprise data & BI initiatives with 99% on-time completion and consistently high production quality** by driving Agile execution, structured governance, and proactive risk management across multiple enterprise client programs.
- Translated **3,000+ business requirements** into scalable data models, ETL pipelines, and analytics solutions through **stakeholder collaboration, backlog management, and BRD/FRD finalization**, reducing requirement rework by **40%**.
- Directed **end-to-end Agile delivery** across backlog management, sprint planning, and cross-functional execution, improving team efficiency by **20%** and increasing milestone adherence by **25%**.
- Influenced **25+ executive-level decisions** by leveraging **KPI-driven strategy sessions, executive reporting, and A/B testing, translating analytics into actionable insights** to accelerate decision-making across clinical and operational functions.
- Owned delivery of **large-scale system migrations and modernization programs**, achieving **on-time go-live with no major rollbacks or business disruption** through rigorous upgrade planning, regulatory compliance, and release governance.
- **Defined and executed BI and data roadmaps across multiple clients, achieving 95% roadmap completion** by leading strategic planning, prioritization, and cross-functional alignment.
- Built and scaled a **high-performing team of 30+ professionals** through structured hiring, coaching, and performance management, achieving **60% improvement in delivery productivity**.
- Established **RAIDs governance, SLA management, and escalation frameworks** across enterprise client programs, reducing delivery delays by **20–30% and improving schedule adherence by 25%**.
- Led audit readiness and **ISO 9001:2015 compliance**, achieving **strong audit outcomes and improved compliance maturity** through process standardization and continuous improvement initiatives.
- Optimized **data pipelines and reporting infrastructure (SSIS, SQL Server)** by integrating **CI/CD practices for automated deployments and testing**, improving data availability and report generation speed by **50–90%**.
- Architected and standardized **enterprise BI platforms (Power BI, SSRS, SSAS)**, reducing manual reporting errors by **40%** and cutting report turnaround time from minutes to seconds.
- Led resolution of **1,500+ production issues and performance bottlenecks** through root cause analysis and optimization, improving **system performance by 30–40%**.
- **Implemented a real-time monitoring chatbot using AI**, reducing manual alert triage by **50–60%** and improving response time.
- **Led testing and release governance** for 15+ enterprise upgrades and patches, achieving **100% release success rate with consistently high production quality**.

Software Engineer

June 2014 - January 2017

Dyad Tech Private Limited

Ahmedabad, India

- **Delivered enterprise WPF/WCF applications for 2 US clients across insurance and finance domains**, meeting 100% of delivery milestones by translating business requirements into scalable, production-ready solutions.
- **Engineered 50+ SQL stored procedures and financial reporting systems covering P&L, balance sheets, and reporting workflows**, improving application performance and data reliability through optimized query execution and system design.

SKILLS & EXPERTISE

- **Leadership & Delivery:** Stakeholder Management (VP/AVP/Director) | Team Leadership & Mentoring | Cross-functional Collaboration | Backlog Management | Agile/Scrum | End-to-End SDLC Management | Risk & Change Management | Client and Account Management | Service Delivery | SLA Management | A/B Testing
- **Data & BI:** Advanced SQL (Optimization, Performance Tuning) | Power BI | Tableau | SSRS | SSAS | Alteryx | ETL/ELT (SSIS, Azure Data Factory) | Data Modeling & Warehousing | Data Lake Architecture | Data Governance
- **Cloud & AI:** Microsoft Azure | Snowflake | Azure AI Foundry | REST APIs & Web Services | Python | PySpark | AWS & GCP (Exposure) | AI Applications | Prompt Engineering (Working Knowledge) | LLM Integration (Exposure) | C#, .NET, WPF
- **Tools & Platforms:** JIRA | Microsoft Project | Smartsheet | ServiceNow | SharePoint
- **Domain:** Healthcare | Insurance | Accounting & Finance Systems | Education

PROJECTS

AI Chatbot for Real-Time Monitoring System

- Reduced manual monitoring alerts requiring human triage by 60%, based on weekly alert volume before and after deployment, by leading the integration of an AI chatbot using Azure AI Foundry into a production analytics platform.

Emergency Department (ED) Operations Optimization

- Reduced per-case processing time by 10–12 minutes, reflected in improved ED throughput metrics, by delivering real-time Power BI dashboards that identified workflow bottlenecks and supported data-driven redesign; influenced Director-level operational decisions.

Safety & Quality Analytics Dashboard

- Facilitated continuous compliance monitoring and industry benchmarking with 100% adoption in VP/AVP quality strategy reviews, tracked through quarterly executive usage, by developing real-time BI dashboards aligned with Leapfrog and WHO standards, shaping executive quality investment decisions.

EDUCATION

Master of Computer Applications (MCA)

Charotar University of Science and Technology

July 2011 - December 2014

Anand, India