

Sachin Pujari

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Summary:

AI & Engineering Manager with 15+ years of experience leading global teams, architecting scalable enterprise systems, and delivering AI/ML, GenAI, and data-driven solutions across Healthcare, Telecom, and B2B domains. Expert in building ML platforms, modernizing legacy systems, and driving digital transformation. Proven track record in roadmap ownership, large-scale delivery, stakeholder management, and improving business KPIs through automation, machine learning, and cloud-native architectures.

TECHNICAL SKILLS:

- **AI/ML & GenAI:** Supervised/Unsupervised ML, LLMs, RAG, NLP, Feature Engineering, EDA,
- **Architecture, Solution Design**
- **Cloud & Data Engineering:** AWS (SageMaker, Bedrock, Lambda, EC2, S3, RDS), ETL/ELT, Data Modeling, Pipelines, API Integrations
- **Programming & Tools:** Python, SQL, Scikit-learn, TensorFlow, Keras, FastAPI, Streamlit, Pandas, NumPy, Power BI, Git
- **Databases:** PostgreSQL, MySQL, Oracle, MongoDB, VectorDB, DynamoDB

LEADERSHIP AND MANAGERIAL SKILLS:

- **Engineering Leadership:** Delivery Management, Agile/Scrum, Roadmap Planning and Management, Cross-functional Collaboration, Program Delivery, Governance,
- **Soft Skills:** Executive Communication, Strategic Planning, Talent Development, Stakeholder Management, SLA/KPI Ownership
- **Product Development:** Business Analysis, PRD, Ideation
- **Tools:** Jira, MS Project, MS Planner, Confluence

LEADERSHIP HIGHLIGHTS:

- Led global teams of **10–50 engineers**, data scientists, and QA **across onsite/offshore models**.
- Owned **multimillion-dollar delivery programs** across Healthcare & B2B Marketing.
- Scaled engineering **capacity by 50%** while improving delivery predictability.
- Drove Agile transformation improving team velocity and **delivery KPIs by 25–40%**.
- Built AI/ML & GenAI solutions improving operational efficiency and business KPIs.

Domain Expertise:

- Telecom Order Management
- B2B Lead generation
- US Healthcare

Experience:

09/2024 - Current Senior Technical Manager

Predigle - Pune, India

Spearheaded the team of 75 people covering offshore and onshore working in different teams like Data Science, QA, Full stack Dev, Infra

- Led AI modernization roadmap covering ML, GenAI, and automation initiatives impacting 3 product lines.
- Designed & deployed ML-based patient adherence model using Python, AWS SageMaker & VectorDB → improved adherence by **30% YoY**.
- Built GenAI-powered healthcare chatbot (LLM + RAG) → reduced ticket load by **20%**,

saving ~120 hours/month.

- Managed cross-functional teams (engineers, data scientists, QA) ensuring **100% on-time releases**.
- Partnered with C-suite to define tech strategy, budget allocation, and risk governance
- Communicated risks, dependencies, and technical decisions to C-level and business stakeholders.
- Tech Stack – AWS, Flask, Django, Angular, ML, GenAI, PostgreSQL

07/2022 - 08/2024

Senior Technical Project Manager

Inventive-IT - Pune

Directed offshore delivery along with onshore team including 70 people spanned across development, QA, BA and operations role

- Scaled offshore engineering organization from **5 → 50**, increasing delivery capacity by **300%**.
- Delivered **90%** of projects within budget, improving margins and customer retention.
- Created quarterly product roadmaps aligned with evolving customer/market needs.
- Served as SPOC for strategic customers; improved NPS and expanded project portfolio.
- Tech Stack - AWS, Flask, ML, Angular, MySQL, PostgreSQL
- Data: 1M patient records, 5M prescription records

07/2018 - 06/2022

Technical Manager

UBS - Pune

Architected overall engineering delivery having 30 engineers across different products

- Managed end-to-end delivery for **4 enterprise voice products** ensuring compliance & performance standards.
- Increased sprint velocity by **25%** through Agile coaching and tooling enhancements.
- Led platform optimization initiatives → reduced outages & improved operational KPIs.
- Drove adoption of new voice capabilities achieving **80% user adoption** within targeted timelines.
- Tech Stack – Azure, GraphAPI, FastAPI

Early Career Experience:

07/2013 - 07/2018

Technical Lead

Accenture - Pune

- Managed customer facing role (onsite) to work with stakeholders and customers to gather requirements and prioritize the same as per business needs
- Administered Scrum framework- sprint planning, backlog grooming, daily Scrums, sprint reviews and sprint retrospectives for 3 years
- Planned & implemented Agile best practices

09/2012 -07/2013

Senior Software Engineer

Helios and Matheson Technologies – Pune

- Developed Order Management Module, managed integration with the help of Web Services, Queues
- Liaised with project managers to select ambitious, but realistic coding milestones on pre-release of software project development

09/2012 -07/2013 Software Engineer

Nihilent Technologies - Pune

- Developed & deployed Product Catalog Systems; updated old code as per modern
- Prepared UI for Order Management System along with CR

Education:

05/2010

Bachelor of Engineering: **Computer Science**

College of Engineering, Pandharpur - **Pandharpur, Maharashtra**

Languages

- English
- Hindi
- Marathi