PRAWAL SHARMA

Engineering Manager · Technology Manager · AI & Cloud Architecture

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PROFESSIONAL SUMMARY

Engineering Manager and hands-on technology leader with 10 years of experience delivering scalable enterprise solutions across fintech, payments, and media technology for global clients. Currently leading two concurrent engineering engagements with teams of 5–12 professionals each, combining direct people management—including performance reviews, mentoring, career development, and hiring decisions—with cross-vendor technical leadership. Experienced in solution architecture, cloud-native and event-driven systems, engineering delivery, production reliability, and global stakeholder management. Driving AI adoption through AI-assisted engineering, intelligent automation, and LLM/MCP initiatives. AWS, Azure, GCP, and Claude Certified Architect certified, with a proven track record of successful delivery and long-term client relationships. **Holds a valid U.S. B1/B2 visa with prior U.S. onsite client experience.**

10 yrs engineering & team leadership	**160K+** daily banking transactions at 99.9% uptime	**20–30%** productivity lift from AI-assisted workflows	**90+** data sources integrated on one platform

CORE COMPETENCIES

People Management & Performance Reviews · Cross-Vendor Technical Leadership · Delivery & Release Ownership · Solution Design & Architecture · Cloud · Event-Driven · Serverless · Payments & ACH · API & Connector Platforms · AI-Assisted Engineering · RAG · MCP · Global Stakeholder Management

PROFESSIONAL EXPERIENCE

Successive Digital · Noida, India — Aug 2017 – Present

Technology Manager · Hybrid — Nov 2024 – Present

- Lead two parallel fintech and media-data engagements with 5–12 contributors each, coordinating architecture, roadmap trade-offs, sprint execution, quality gates, production releases and client communication across the US, UK and South Africa.
- Directly manage about half of the combined team — performance appraisals, feedback, mentoring, career growth and hiring decisions — and guide partner-vendor engineers as technical lead.
- Led modernization of Payliance settlement and return processing on Azure Functions and Service Bus, with retry and error-handling patterns, secure configuration and phased merchant onboarding.
- Drive Data Refinery platform upgrades and connector delivery; coordinate enrollment and fraud-control improvements across API, UI and QA teams with production-readiness reviews.
- Introduced AI-assisted development and documentation practices, improving engineering productivity by ~20–30%; guided schedule-intelligence, LLM and MCP integrations as proofs of concept.

Technology Lead · Hybrid — Jul 2021 – Nov 2024

- Led end-to-end delivery of multiple applications for global clients with 100% client satisfaction and zero escalations, contributing to multi-year engagements.
- Owned technical delivery and design decisions across MERN, PHP and GraphQL ecosystems; managed cross-functional teams (PM, QA, BA).

  Connectors (Media · team of 11): 90+ data-source integrations (Facebook Ads, Google Campaign Manager) with OAuth, scheduled ingestion and reporting.

  Data Serve (Media): Cross-cloud data serving across AWS S3, Google Cloud, Azure ADLS and Snowflake; automated enterprise data pipelines.

  Enrollment & Transactions (Banking): White-labeled ACH debit payments with fraud detection and transaction workflows for a US bank.

Software Engineer — Oct 2019 – Jul 2021

- Technical lead for 3 concurrent application pods at a global advertising enterprise, coordinating releases across Node.js, React, Redux and GraphQL applications.

Associate Software Engineer — Mar 2018 – Sep 2019

- Led a team of 4 engineers delivering full-stack applications and APIs; improved customer satisfaction by ~50% through performance and reliability work.

Software Engineer Trainee — Aug 2017 – Feb 2018

- Developed internal meeting-room booking and HR document automation tools (PHP, Laravel, Lumen).

SELECTED PROJECTS

ACH Payments Platform — Fintech · Team Lead → Engineering Manager · 2017 – Present
White-label ACH enrollment and payment operations — merchant mapping, returns and settlements, fraud detection and scoring, compliance reporting, Plaid and Socure identity flows; event-driven jobs modernized on Azure.

Data Refinery & Connectors — Media technology · Technical Lead · 2019 – Present
Governed data ingestion and activation for Dentsu International: 90+ data sources with 1–2 day onboarding and delivery to AWS, Google Cloud, Azure and Snowflake.

AI-Driven Datastream Intelligence & MCP — 2026 proofs of concept · with Amit Bora
Schedule- and configuration-risk recommendations learned from historical pipeline behavior (XGBoost, explainable ML), plus read-only API exposure through an MCP server — experimental, not production.

Taxonomy — Media advertising · Senior Developer
Dynamic Handsontable spreadsheets generating unique campaign identifiers with dependency rules for partners such as Coca-Cola and Microsoft (React, GraphQL, Node.js, MongoDB).

PERSONAL PROJECTS

AI Brand Assistant (RAG chatbot) — React · Groq API · Llama 4 Scout
Chatbot on a personal-brand site that answers questions grounded in a structured knowledge base: intent classification and synonym-expanded retrieval select the top chunks, which are injected into the prompt and streamed from the LLM.

"The Series" portfolio platform — React · TypeScript · Vite · Vercel · built AI-assisted with Claude Code
Data-driven, streaming-style portfolio template deployed for three professionals, with automated pipelines for resume PDFs (headless Chromium), portrait cutouts and AI upscaling — prawal-the-series.vercel.app.

Android Notes App · Published builds — Android · Web · itch.io
Android notes app with folders, editor and quick actions; a live school website (sunriseschoolkandi.org); and an anime-style visual novel published on itch.io.

TECHNICAL SKILLS

Architecture & Cloud: Cloud-native systems, event-driven architecture, serverless, microservices, Azure Functions, Azure Service Bus, AWS, Azure, GCP, Docker, CI/CD

AI: LLM integrations, RAG (Retrieval-Augmented Generation), Agentic AI, MCP, Claude API & Agent SDK, prompt engineering, machine learning (XGBoost)

Languages & Frameworks: JavaScript, TypeScript, Node.js, React, Redux, PHP, Laravel, Python, REST, GraphQL, Apollo

Data: MongoDB, Azure SQL, MySQL, PostgreSQL, Snowflake, Azure ADLS, AWS S3, OAuth integrations

Practices: Engineering management, Agile/Scrum, release management, code review, testing (Jest), stakeholder communication

CERTIFICATIONS

- **Anthropic:** Claude Certified Architect – Foundations (2026)
- **AWS:** Certified AI Practitioner (2025); Certified Developer – Associate (2022); Certified Solutions Architect – Associate (2021)
- **Microsoft:** Azure AI Fundamentals (2022); Security, Compliance & Identity Fundamentals (2022); Azure Data Fundamentals (2021); Azure Fundamentals AZ-900 (2021)
- **Google Cloud:** Cloud Digital Leader
- **Scrum Alliance:** Certified Agile Leadership Essentials, CAL-E (2023)
- **ICTRD:** Artificial Intelligence and Machine Learning Program (2026)

HONORS & AWARDS

- **ESOP Ownership Achievement** — May 2026
- **Outstanding Contribution** — May 2026
- **Employee of the Year** — 2023
- **Key Contributor** — Apr 2023
- **Longevity Award** — Apr 2023
- **Exceptional Performer** — Mar 2022
- **Extra Achiever's Award** — Mar 2021
- **Client Happiness** — Mar 2019
- **Star Performer** — Feb 2019
- **Star Performer** — Jul 2018

EDUCATION

Bachelor of Technology — Computer Science — Maharshi Dayanand University · 78% 2012 – 2016

ADDITIONAL

- Contributor — "The Subtle Art of Effective Communication" (organizational book on communication and listening).
- Conferences — AI Impact Summit 2026 and Convergence India Expo 2026 (Bharat Mandapam), AWS Public Sector Symposium 2023, MongoDB.local, IAMAI India Digital Summit; dentsu "Building Generative AI Solutions" hackathon (2023).
- Languages — English · Hindi · Punjabi (native or bilingual).