SUNIL GUMMALLA

TECHNICAL PROGRAM MANAGER · PLATFORM & INFRASTRUCTURE ENGINEERING

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SUMMARY

Technical program leader with 25+ years in software and platform organizations, including 12+ years leading large, ambiguous, multi-team technical programs at Microsoft, Apple, Google, BP, HP, and Moody's. Engineer and delivery architect by background, so engages engineering leaders credibly on architecture, trade-offs, and delivery risk rather than sprint-board administration. Currently leads architecture and delivery of a multi-platform community membership and events product; most recently drove technical strategy, service-layer architecture, and CI/CD and telemetry standards for high-throughput enterprise data platforms at Microsoft. Governed cloud migration of 80+ applications to Azure; ran delivery across 6 cross-functional engineering teams and 2,000+ practitioners; built the single-source-of-truth tracking and delivery dashboards that surfaced slippage weeks before it hit a milestone. Builds AI-assisted developer workflow tooling hands-on, including an agentic pull-request review and code-remediation system running headless in CI/CD. Creates clarity across dependencies and competing priorities, drives trade-off decisions with data, and raises execution standards across the teams it touches.

CORE COMPETENCIES

Program Leadership — Cross-Functional Technical Programs · Roadmap Definition & Multi-Team Planning · Dependency, Risk & Escalation Management

Execution & Governance — Operating Rhythms & Governance Mechanisms · Single-Source-of-Truth Delivery Tracking & Early Risk Signals · Success Metrics, SLO Attainment & Cost Trends

Platform & Technical Depth — Platform & Infrastructure Programs · Cloud Migration & Platform Modernization · Developer Experience, CI/CD & Platform Adoption · AI-Assisted Developer Tooling & Agentic Automation

Influence & Communication — Executive Communication, MBR / QBR & Trade-Off Framing · Architecture Trade-Off Facilitation · Influence Without Authority · Mentoring & Elevating Program Management Practice

SELECTED PLATFORM & DEVELOPER-EXPERIENCE PROGRAMS

- **Agentic developer-workflow automation** — Designed and operate an agentic system that integrates a large-language-model API with source-control and work-tracking REST APIs to automate pull-request review, code remediation, review-thread resolution, and commit-back. Runs headless in CI/CD under explicit permission scoping and policy guardrails — shortening review latency and making code-quality gates apply consistently across repositories instead of per-reviewer.
- **Platform architecture and multi-team delivery model** — Architect and program lead for a polyglot platform spanning a server-rendered web tier, native mobile clients, an authenticated API gateway with backend-for-frontend services, and domain-partitioned .NET services over MongoDB — deployed on containerized infrastructure with an edge proxy, private networking, and secret management. Defined the vertical-slice architecture and published contract boundaries that let independent teams ship without coupling to each other's internals.
- **Program mechanisms at platform scale** — Established specification-as-source-of-truth as the planning artifact across a multi-runtime monorepo and designed the CI/CD strategy around an internal artifact registry as the package-contract layer — prerelease versioning, diff-based change detection, and centralized dependency management. Instituted a staged promotion ladder with automated quality and migration gates, so integration and data risks surface weeks ahead of a release date rather than at cutover.
- **Operating-model design for a distributed operation** — Mapped an end-to-end fulfillment operation into a multi-phase process reference now used by operations, packing, and delivery functions — covering intake, two-tier escalation, parallel financial and logistics tracks, and settlement reconciliation — replacing tribal knowledge with a shared, measurable operating model.

PROFESSIONAL EXPERIENCE

Technical Program Manager & Platform Architect | DigiTech Labs — Sep 2026 – Present

Community membership and events platform — architecture, multi-platform delivery, and shared platform libraries

- Lead architecture and delivery of a community membership and events platform spanning a server-rendered public web tier (Next.js with incremental static regeneration and a backend-for-frontend layer), a NestJS API and background worker over MongoDB, and a Flutter mobile app for members and guests.

- Drive the end-to-end event and membership journeys — event publishing, online registration and guest checkout with Stripe payments, membership enrolment and renewal, donations, and day-of door check-in — with transactional email and media storage on Cloudflare R2.
- Designed passwordless member sign-in (membership number or email plus an emailed one-time code) alongside Microsoft Entra and Google sign-in for administrators, with role-based admin, member, and guest experiences.
- Established shared .NET 10 foundation libraries and provider packages (database, cache, identity, messaging, storage, email) as versioned NuGet packages in a polyglot repository layout, and run containerized delivery with Docker Swarm behind Cloudflare Tunnel and Traefik, deployed through GitHub Actions on self-hosted runners.

Tech Mahindra **Jul 2025 – Sep 2026**

Senior Program Manager | Microsoft (client assignment) **Jul 2025 – Sep 2026**

Enterprise data and web translation platforms — technical strategy, architecture, and delivery

- Drive long-term technical strategy and system architecture for high-throughput enterprise data and web translation platforms, aligning Microsoft stakeholders and cross-functional engineering teams around a shared roadmap and set of outcomes.
- Architect scalable service layers and API contracts integrating Next.js/React consumer dashboards with high-performance backend microservices (.NET 8, gRPC, GraphQL, REST) — defining the contract boundaries that let interdependent teams deliver in parallel.
- Spearhead architectural decision records (ADRs) and cloud infrastructure strategy, establishing automated CI/CD deployment pipelines, managed identity, and zero-downtime database migrations — turning architectural shifts into sequenced, low-risk delivery.
- Champion engineering excellence and operational telemetry, using KQL and distributed logging to enforce strict performance SLAs, drive rapid issue remediation, and hold code quality across Agile releases.

DigiTech Labs **Jun 2024 – Jun 2025**

Senior Program Manager | Moody's Investors Service (client assignment) **Charlotte, NC | Jun 2024 – Jun 2025**

Platform modernization — fund performance analytics

- Led end-to-end execution of a cross-functional program replacing spreadsheet-based fund performance analysis with a scalable web platform — from problem definition and roadmap through delivery, migration, and user adoption.
- Partnered with product, UX, data, and engineering leadership to translate organizational priorities into an executable roadmap, define technical requirements and data contracts, and resolve competing demands across interdependent teams.
- Built the operating rhythm — impact-based prioritization, milestone transparency, and a single decision forum for senior stakeholders — that turned an unpredictable delivery into a forecastable one.
- Drove integration of financial data models and dashboards delivering real-time performance, risk, and historical-trend insight, materially improving auditability, scalability, and decision quality.
- Synthesized delivery health into executive narratives that connected technical progress to business outcomes and framed trade-offs for decision, rather than reporting status for its own sake.

Wipro Technologies **Feb 1999 – Jun 2024**

Employer for the client assignments and delivery roles below.

Program Director | Apple (client assignment) **Culver City, CA | Feb 2020 – Jun 2024**

Media services engineering — rights, deal management, legal & compliance platform

- Directed a multi-year, multi-team program delivering the rights and deal-management platform used between the streaming business and external studio partners — spanning discovery, roadmap, architecture direction, delivery, and sustained adoption.
- Converted ambiguous business needs into product roadmaps and scalable system architectures through structured discovery with business owners and engineering leadership, resolving trade-offs between speed, extensibility, and compliance constraints.
- Established permission and content-governance controls for secure asset handling, document sharing, review feedback, and approval workflows spanning internal teams and external counterparties.
- Orchestrated the decision forums, escalation paths, and communication cadence across organizational and company boundaries — aligning parties with no shared reporting line and no formal authority to fall back on.
- Standardized program workflows and operating rhythms across the portfolio, raising throughput and delivery predictability for teams beyond the ones directly in scope.

Technical Program Manager | Google (client assignment) **Sunnyvale, CA | Dec 2017 – Feb 2020**

Payments platform · consumer payments · network services ITSM · energy services

- Managed multi-region onboarding of country-specific tax and regulatory requirements into the payments platform, coordinating legal, product, and engineering to land each market against firm compliance deadlines.
- Supported release trains for a consumer product at global scale, managing dependencies across application, services, and infrastructure organizations and keeping interdependent roadmaps in sync.
- Introduced test automation that raised execution efficiency and accuracy, improving the fidelity of the delivery-health signal leadership relied on to make release calls.
- Applied data analysis to prioritization and operational decisions across both the product and the ITSM portfolios, replacing opinion-led sequencing with measurable criteria.

Senior Program Manager | Hewlett-Packard (client assignment) **Austin, TX | Sep 2017 – Dec 2017**

Vendor transition — digital platform API management, service continuity and governance

- Led a vendor transition from the incumbent supplier to a new partner with unbroken continuity of service — knowledge transfer, staffing ramp, and operational readiness across cross-functional teams.
- Implemented governance frameworks for resource allocation, risk management, and escalation, and presented risk and scenario analysis to senior management for decision.

Senior Manager | BP (British Petroleum) (client assignment) **Houston, TX | Nov 2016 – Sep 2017**

Enterprise cloud migration — on-premise and bespoke applications to Azure

- Provided end-to-end program governance for migration of 50+ third-party and 30+ bespoke applications to Azure — pre-qualification assessment through UAT, cutover, and business sign-off.
- Ran application-portfolio assessments and executive stakeholder sessions to set the future-state roadmap, migration waves, and remediation plans, sequencing work around the estate's real dependency graph.
- Directed rewrite and refactoring of bespoke applications for performance and scalability and built the end-of-service-life remediation strategy spanning applications, infrastructure, and database upgrades.
- Coordinated OEM cloud licensing for compliance and cost optimization and identified process-improvement and cost-reduction opportunities across the estate.

Senior Delivery Manager | Microsoft (client assignment) **Redmond, WA | Jul 2013 – Oct 2016**

Operating systems engineering — setup & updates, drivers, file system, kernel, multimedia · mobile OS · store analytics

- Owned delivery across 6 cross-functional engineering teams and 2,000+ practitioners and built the delivery and operational-health dashboards that became the shared measurement layer for the account.
- Partnered with operations and engineering on an automated data crawler that cut overnight blockers from over 60% to 10–15%, removing a recurring systemic drag on daily throughput.
- Drove test-optimization and technical investigation programs with engineering, yielding 30–70% cost savings against baseline.
- Designed the processes, tooling, and dashboards to measure engineering knowledge and productivity, delivering 10–15% quarter-on-quarter savings.
- Led a large-scale QA consolidation, realizing 18% savings against a 15% target.
- Served as senior escalation point for customer issues, led contract negotiations, and mentored managers and practitioners on program and delivery practice.

Delivery Manager · Development Manager · Software Engineer | Wipro Technologies **Hyderabad, India | Feb 1999 – Jul 2013**

Enterprise software delivery — engineering, development management and delivery leadership

- Progressed from software engineer to delivery manager, owning end-to-end delivery of enterprise software programs, stakeholder expectations, and continuous improvement of delivery process.
- Designed and built scalable web and enterprise systems as an individual contributor before transitioning to program leadership — the technical grounding behind current architecture and trade-off judgment.
- Led and mentored engineering teams on Agile practice, code quality, and predictable on-time delivery.

EDUCATION

M.Sc., Computer Science — Nagarjuna University, Andhra Pradesh, India

B.Sc., Mathematics, Physics & Computer Science — Nagarjuna University, Andhra Pradesh, India