

ABHILASH EMMANUEL PMP®

AI Product Engineer | Full Stack Developer | Platform & Delivery Leader
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PROFESSIONAL SUMMARY

AI Product Engineer and technical consultant with over a decade of experience spanning full-stack software development, AI-assisted engineering, enterprise platform delivery, cloud infrastructure, and incident management. Proven track record across the full delivery lifecycle: from architecture and prototyping through to production operations and stakeholder communication. Combines deep technical capability with product thinking, cross-functional leadership, and strong commercial acumen. Equally effective as a hands-on builder or a delivery lead.

TECHNICAL SKILLS

AI & LLMs	Prompt Engineering, LLM workflow design, Multi-agent orchestration, RAG, MCP, Claude, OpenAI, Gemini, Grok
AI Dev Tooling	Cursor, Claude Code, Google Antigravity, Lovable, n8n, Make, Seedance, Veo, Kling, HiggsField, ElevenLabs, Suno
Programming Languages	Python, C#, JavaScript, TypeScript
Backend, Integration & Payments	Node.js, Supabase, REST APIs, Stripe, Razorpay, PostgreSQL, SQL Server, Oracle, DB2
Cloud, Infra & Architecture	AWS, Azure, Akamai CDN, DNS, TCP/IP, CI/CD pipelines, GitHub, Docker, Fly.io, Microservices
Frontend & Mobile Architecture	React, Next.js, Tailwind CSS, Expo, Flutter, React Native, PWA patterns, Supabase Auth, RLS, RBAC
Observability & Reliability	Slack, ServiceNow, Grafana, PagerDuty, SLO/SLA stewardship, incident triage, runbook authoring, post-mortem analysis, MTTR
Consulting & PM	PMP®, ITIL, Agile/Scrum, technical consulting, cross-functional leadership, customer coaching, stakeholder management, Jira, Confluence, salesforce

WORK EXPERIENCE

Co-founder and Lead Product Engineer, [Sequency](#) (AI Video Platform) Jan 2026 - Present

- Conceived, architected, and built an AI-enabled video production and filmmaking orchestration platform from prototype to working multi-agent SaaS product, owning the full stack end-to-end.
- Stack:** React + TypeScript (Lovable + Cursor), Supabase (Postgres + Edge Functions + Auth), fal.ai for AI video generation, ElevenLabs (audio), Suno (music), GitHub, CI/CD pipelines.
- Designed and shipped the Agentic DNA Editor: a conversational AI interface replacing form-based editing with a chat-driven workflow, using JSONB mutation patterns, row-level locking, and a two-step Edge Function pattern.
- Architected a full credit and subscription system: two-bucket wallet hierarchy, escrow-based transaction model, Razorpay payment integration, and RBI/GST compliance.
- Built a Dynamic Model Registry with Edge Function caching and scene continuity logic, routing AI video generation across multiple model providers (Kling, Seedance, Veo, Grok) based on cost and capability.
- Owns all product decisions, architecture trade-offs, UX direction, and technical delivery, working daily with non-technical co-founders to translate vision into production-ready features.
- AI tooling:** Cursor, Google Antigravity, and Claude Code as primary development instruments; MCP integration for workflow orchestration; AI-assisted development as a core engineering practice.

AI Solutions Architect & Technical Consultant, Freelance Aug 2023 - Present

- Owned the design, architecture, and go-live phases for full-stack enterprise applications, ensuring highly secure API integrations and robust cloud infrastructure to solve complex customer challenges.
- Acted as a trusted technical advisor to identify service enhancements, proactively deploying automated workflows (n8n, Make) that accelerated lead management and reduced customer support resolution times by 30-40%.
- Managed scope, timelines, and budgets for multiple concurrent technical projects, successfully delivering complex GenAI integrations that drove a 25% increase in end-user engagement.
- Delivered comprehensive coaching and technical training to customer teams on emerging tech adoption and automated pipelines, ensuring maximum ROI and usability of deployed solutions.

Technical Project Manager, Akamai Technologies Jul 2020 - Jul 2023

- Partnered with enterprise customers as a trusted technical advisor to design and implement Akamai delivery and media solutions for major global events (IPL, FIFA), achieving zero downtime for 30M+ concurrent viewers.
- Analysed customer traffic and collaborated closely with Engineering and Support teams to proactively identify service enhancements, successfully reducing uncoordinated work by 60% and mitigating deployment risks.
- Owned incident triage, severity assessment, post-incident reviews, and runbook authoring for high-impact production events, coordinating across distributed global teams.
- Articulated highly technical architectural changes and security best practices to C-suite stakeholders, ensuring alignment across 800+ employees and driving continuous improvements to customer service delivery.

Technology Lead, Infosys Ltd. Oct 2009 - Jun 2020

- Managed the technical implementation and support for 5 mission-critical web applications, analysing performance data to achieve a 50% reduction in ticket volume and a 30% boost in Customer Satisfaction (CSAT).
- Led SLA-bound L2/L3 incident and problem management for US-based insurance and investment clients across a follow-the-sun support model spanning India, US, and Europe.
- Directed a high-performing engineering team and established an "Innovation Lab" focused on web infrastructure enhancements, successfully delivering 10+ strategic solutions aligned with business initiatives.
- Full-stack development across C#.NET, ASP.NET MVC, SQL Server, Azure, and data pipeline tooling (SSIS, SSRS, Informatica, DB2, Oracle) including US on-site delivery in Chicago.

EDUCATION

Master of Science in Cyber Forensics and Information Security 2020 - 2022

University of Madras, Chennai

Bachelor of Technology in Applied Electronics & Instrumentation 2005 - 2009

Mahatma Gandhi University, Kottayam

CERTIFICATIONS & FELLOWSHIPS

- PMI - Project Management Professional (PMP®)
- Outskill - AI Generalist Fellowship
- Microsoft MCSA: Web Applications
- Microsoft MCSD: App Builder
- Infosys Certified Cloud Computing Professional (Windows Azure)
- Harvard ManageMentor - Presentation Skills
- Microsoft MS 461: Querying SQL Server
- MS 483: Programming in C#