

Poulami Mukherjee

Contact

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in linkedin.com/in/poulami-mukherjee
📄 github.com/poulami-mukherjee
📍 India (Remote Worldwide)

Skills

Languages: Java, Python, JavaScript, Ruby on Rails
Frameworks: Spring Boot, FastAPI, LangChain
Cloud & Infra: AWS (VPC, Lambda, SageMaker, ECS, CloudWatch), GCP
Payments: Stripe (SDK upgrades, webhooks, subscriptions), Razorpay (UPI, e-mandates)
AI/ML: GenAI, LangChain, multi-agent systems, RAG pipelines, SageMaker
Data & Analytics: BigQuery, GA4, AppsFlyer, analytics pipelines
Compliance: HIPAA, GDPR, SOC 2, secure system design
Architecture: Microservices, REST APIs, event-driven, system design at scale
Practices: TDD, CI/CD, observability, Scrum, technical mentorship

Education

B.Tech, Computer Science
Sikkim Manipal Institute of Technology
2014–2018

Recognition

AsiaBerlin Expansion Lab (betahausX) — India & Singapore Batch #1
McKinsey Forward — global leadership cohort
LinkedIn Top Voice 2023
Amazon Hackathon Winner — ML Sales Forecaster
Amazon ML University Graduate
Published: *12 Places Microservice Architecture Doesn't Work* (DevPro Journal)
Google & AI Nation's The Pool

Community

Mentor, Women Who Code & Women Coding Community London
Coach, ReDI School Germany (migrant women & children)
Volunteer, Google Women

PROFESSIONAL SUMMARY

Senior backend engineer & technology consultant with 8+ years across Amazon-scale infrastructure, healthcare AI, fintech, and applied LLMs. Big-company engineering rigour combined with startup founding experience — builds systems that are compliant, performant, and designed for real-world scale.

EXPERIENCE

SENIOR SOFTWARE DEVELOPMENT CONSULTANT at *Constant Therapy (Remote, US)* Dec 2024–present

◇ Own Payment & Subscription infrastructure end-to-end for a TIME 2025 recognised, patented AI-powered digital therapeutics platform (HIPAA, GDPR, SOC 2 compliant).

◇ Led Stripe SDK upgrade (20.x → 29.x), Razorpay integration (UPI, e-mandates), and real-time server-to-server event tracking (AppsFlyer, GA4, BigQuery) across iOS, Android, and web.

CO-FOUNDER & TECHNICAL LEAD at *Social Care Platform (Berlin)* 2025–present

◇ Owning full engineering direction for a multi-market platform (Brazil, Germany, India) — architecture, multilingual design, compliance, and leading two engineers end-to-end.

CO-FOUNDER & TECHNICAL LEAD at *NURY Health-tech (Berlin)* 2025

◇ Selected for AsiaBerlin Expansion Lab (betahausX, India & Singapore Batch #1) — Berlin's cross-border program bridging European startups with Asia's leading ecosystems.

◇ Led India–Germany healthtech corridor strategy and built a voice-first, multilingual AI health app for rural Indian women (offline-first, low-literacy UX, AI-driven personalisation).

CO-FOUNDER & TECHNICAL LEAD at *B2B AI & Cloud SaaS (Berlin)* 2023–2024

◇ Built production LLM platform from scratch: multi-agent systems, LangChain, RAG pipelines on AWS FastAPI. Selected for Campus Founders Incubator & GenAI Accelerator; finalist at Aidia and Berlin TOA.

SOFTWARE ENGINEER at *Amazon — Seller Central, Logistics, Vendor (India)* 2021–2023

◇ Led Prime Day Peak Readiness for 6+ seller-facing websites — zero high-severity incidents across three consecutive years; ensured uninterrupted continuity for millions in seller revenue.

◇ Reduced server latency from 4,000ms to 100ms (40×) through caching and architectural optimisation. Led team of 4 engineers; conducted 60+ technical interviews.

APPLICATION DEVELOPMENT ENGINEER III at *Amazon (Bengaluru, India)* 2020–2021

◇ Reduced service latency by 40%. Discovered and resolved a CSRF vulnerability across customer-facing services. Amazon ML University graduate.

APPLICATION DEVELOPMENT ENGINEER II at *Amazon — Compliance (Hyderabad, India)* 2018–2020

◇ Built full-stack analytics tool used by 100+ engineers and VPs daily — reduced a week of manual effort to 30 minutes.

◇ Led cloud migration (legacy → AWS VPC, Lambda, serverless) with zero downtime across 8 databases. Won Seller Payments Hackathon 2020 (ML Sales Forecaster, SageMaker).