Rushil Salian

Forward Deployed Engineer (AI) | AI Solutions & Delivery Engineer

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SUMMARY

Forward Deployed Engineer with 3+ years embedded with enterprise clients, owning engagements from discovery and HLD/LLD through UAT, deployment, and post-launch support. Ships AI solutions on cloud LLMs and workflow automation alongside payment-critical systems (Razorpay, **0 duplicate disbursements**) and a **3M+ record** multi-channel campaign engine. Delivered **5+ client applications**, **20% faster onboarding**, and **30% faster query response**.

SKILLS

AI & Agents: OpenAI API, Gemini function calling, RAG, vector embeddings, NLP, speech-to-text/TTS, scikit-learn, workflow automation

Client Delivery: Requirement discovery, HLD/LLD, UAT, stakeholder demos, Agile/Scrum, CI/CD (GitHub Actions), post-launch support

Payments & Integrations: Razorpay, webhooks (HMAC, idempotency), payouts, audit trails, RBAC, SMS/Email/WhatsApp, third-party API orchestration

Cloud & Data: PostgreSQL, MS SQL Server, Supabase, Redis, event-driven architecture, microservices

Core Stack: TypeScript, React, Next.js, Node.js, Express, Python, REST APIs, Jest

EXPERIENCE

Software Developer (Forward Deployed Engineering) May 2024 – Present
Benchmark Solutions Limited *Mumbai, India*

- Embedded with enterprise clients; owned **5+ custom applications** end to end (discovery, HLD/LLD, build, UAT, deployment, support), cutting average client onboarding time by **20%**.
- Integrated cloud-hosted LLMs and AI APIs into client products and automated manual business processes with API-driven workflows.
- Solo-delivered a financial management platform on **Razorpay** (transactions, withdrawals, payouts) with RBAC and audit trails; HMAC-verified webhooks with row-level locking for idempotency, **zero duplicate disbursements**.
- Built a multi-channel (SMS, email, WhatsApp) campaign engine for **3M+ records** with segmentation, scheduled bulk dispatch, and automated delivery workflows.
- Authored HLD/LLD covering service boundaries, data models, API contracts, and failure handling; ran weekly client demos and UAT sign-offs.
- Designed indexed CRM schemas and optimised queries, improving average query response by **30%** and reducing server load.
- Delivered event-driven workflows and microservice REST APIs (10,000+ monthly requests, 99%+ uptime); built GitHub Actions CI/CD to remove manual deployments.
- Used agentic AI coding workflows to compress delivery cycles.

Frontend Developer Aug 2023 – Apr 2024
Bold Softmation LLP *Mumbai, India*

- Delivered 8+ responsive client websites in React.js, improving average page load speed by **15%**.
- Led front-end development of an in-house CRM (JWT auth, role-based dashboards, real-time views) used by the sales team; ran code reviews in a 5-person agile team.

SELECTED PROJECTS

ModelLabAI *React, TypeScript, Supabase, OpenAI, Python, FastAPI*
Zero-code AI analytics: turns CSV, Excel, PDF, and image data into dashboards, KPIs, anomaly reports, and a data chat. Built on the platform published in IJSRET 2024 (sub-5s training feedback on 50,000-row datasets).

Worklogs *React, TanStack Start, OpenAI GPT-4o, Tesseract.js, Kimai API*
Converts daily notes and handwritten log photos into timesheet entries, predicts durations, and flags anomalies.

Retailer Connect *Node.js, Express, Gemini function calling, Web Speech API*
Solo-built voice sales agent for FMCG retailers with a scheme-pricing engine and sales dashboard.

Lead Compass *Next.js, Supabase, Cheerio, Zod, Vitest*
Lead research engine that crawls company sites and produces evidence-backed leads with a deterministic score.

PUBLICATION

"ModelLab: A Scalable AI Model Training Platform With Real-Time Training and Prediction Capabilities," *IJSRET*, Vol. 11, Issue 4, 2024.

EDUCATION

Executive PG Certificate, Applied AI & Machine Learning — IIT Kharagpur 2026 – 2027
B.E., Computer Science — Parul University, Vadodara 2019 – 2023