

Animesh Basak

Lead Engineer, Full-Stack | AI Systems, LLM Applications & Agentic Tooling

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PROFESSIONAL SUMMARY

Full-stack engineer with 7+ years building and shipping consumer platforms at 150M+ MAU scale, now focused on AI-native product engineering. Hands-on builder of LLM applications spanning RAG pipelines, multi-model routing, and agentic systems — across React/TypeScript frontends, Spring Boot and Node backends, and Python AI services. Proven at owning ambiguous problems end-to-end — architecture, rapid prototyping, delivery, and cross-team execution — turning vague requirements into production systems.

SKILLS

Languages: JavaScript, TypeScript, Python, Java, SQL, HTML5, CSS3

AI & LLM: Claude, GPT, Gemini, Groq, Ollama, LangChain, LlamaIndex, RAG, Model Routing, Agentic Systems, MCP, Vector Memory, Prompt Engineering, Evaluations

Backend: Spring Boot, Node.js, Express, REST APIs, BFF, PostgreSQL, Supabase

Frontend: React, Next.js, Angular, Tailwind CSS, Zustand, shadcn/ui, Framer Motion

Architecture & Performance: System Design (HLD/LLD), SSR, Core Web Vitals, Micro-frontends, Design Systems, Bundle Optimization

Testing & DevOps: Vitest, Jest, React Testing Library, Sentry, GitHub Actions, Jenkins, Docker, Vercel

WORK EXPERIENCE

Lead Engineer, Full-Stack

June 2025 – Present

Airtel Digital Ltd. | New Delhi, India

- Lead a squad of 5–7 engineers owning architecture, delivery, and release standards across prepaid and postpaid acquisition journeys on Airtel Thanks App at 150M+ MAU scale.
- Serve as final production review gate; enforce architecture consistency, regression safety, and code quality across shared surfaces.
- Scaled React/TypeScript architecture across Airtel One, Black, prepaid, postpaid, and SKYC flows; expanded into backend engineering with the broadband team, building Spring Boot services and REST API integrations.
- Authored HLD and LLD with architect sign-off; own GrowthBook experimentation, Superset dashboards, and Jenkins CI/CD, driving measurable P1 incident reduction.

Senior Software Engineer II, Frontend

July 2024 – May 2025

MakeMyTrip India Pvt. Ltd. | Gurugram, India

- Improved Lighthouse scores from 6 to 8–9 via SSR tuning, LCP optimization, and critical-rendering-path improvements on the hotels booking PWA and desktop web, serving 5M+ monthly sessions.
- Resolved a systemic defect generating 1,000+ Sentry errors within 48 hours; built reusable component architecture cutting onboarding time 30% while sustaining 90%+ test coverage (Vitest, Jest, RTL).

Software Engineer

October 2021 – June 2024

One97 Communications Ltd. (Paytm) | Noida, India

- Led migration from legacy merchant workflows to modern React architecture across journeys serving 3M+ active merchants; optimized Soundbox checkout, contributing to a 40% increase in EDC device sales.
- Built analytics dashboards as Analytics SPOC, lifting merchant engagement metrics 10–15% and enabling faster cross-functional product decisions.

Frontend Developer — Sparklin Innovations (ICICI Bank Nirvana)

Jan 2021 – Oct 2021

Systems Engineer — Infosys Ltd. (ANZ Bank, FINACLE)

Dec 2018 – Jan 2021

- Built Angular and React modules for ICICI (Nirvana) and ANZ Bank (FINACLE) internet-banking platforms; delivered modular components, API validation, and automation with Postman and WebDriverIO.

PROJECTS

Lakshya Hub — AI Job-Search OS | Next.js, TypeScript, Supabase, Groq, Gemini

- Unified AI job-search platform — resume builder, Kanban pipeline, and job intelligence with multi-model routing (Gemini, Groq, OpenRouter), 10 ATS templates, Recruiter Heatmap, public Leaderboard, and a 98-test suite at 90%+ coverage.

FRIDAY — Local-First Personal AI Agent | Python, Ollama, SQLite, Vector Memory

- macOS-native agent with a three-tier governor (Light/Build/Heavy) orchestrating local models via Ollama; hybrid memory graph (SQLite + episodic + vector) across Telegram, CLI, and voice.

SuperAgent & insanemesh.ai | Claude Code, Gemini, Groq, Puppeteer, Meta API

- SuperAgent: meta-skill framework auto-routing Claude Code across build, fix, and review tasks. insanemesh.ai: automated AI content pipeline (Gemini, Groq, Puppeteer, Meta Graph API) at zero infrastructure cost.

EDUCATION

B.Tech, Computer Science and Engineering — Inderprastha Engineering College, Delhi NCR | 2014 – 2018 | 75.4%