PARITOSH BATISH

SENIOR FULL-STACK ENGINEER · 5+ YEARS

Email: batishparitosh2@gmail.com
GitHub: paritosh-34
LinkedIn: paritosh-34
(+91) 8146990621
Website: paritoshbatish.com

Full-stack product engineer and technical lead with 5+ years building AI-powered web and mobile products. Led engineering at an AI startup end to end, from planning with the founder and coordinating engineers to shipping an LLM assistant, while keeping a global product fast and reliable on a single-region backend through code-level optimisation instead of costly infrastructure.

WORK EXPERIENCE

Fhynix | Mumbai, India
Mar 2025 - Aug 2026 — Head of Engineering

- Built an **LLM-powered AI assistant** in **2 days** and grew it into **1 of the app's 2** headline features, turning voice, image and text into tasks for **~$10/month** in model costs across hundreds of active users.
- Designed an **RRULE-based recurrence engine**, replacing **~730 rows** per daily recurring task with a single rule through a live, backward-compatible migration.
- Architected an **offline-first data layer** (adaptive 4–9 week calendar window, 12-month local cache, idempotent API queue), cutting app launch from **5s to 2s** on mid-range phones and network-related failures from **~9%** of users to **1–2%**.
- Stopped an **SMS-pumping attack** on OTP login that drove SMS spend up **5x** (**$30 → $150**), layering rate limits, region and number blocks, and finally **Firebase App Check** as the attacker adapted.
- Built **reminder automation** on Bull **queues** sending **~3,000** WhatsApp reminders and **~200** daily summaries a day, alongside the API on a single **1 vCPU** container.
- Built a **self-managed subscription system** on App Store/Play IAP using webhooks and daily reconciliation.

Dec 2023 – Mar 2025 — Lead Engineer (Contract)

- Shipped the app's **entire Android platform** in **~3 weeks** of core work, **4x faster** than a vendor's **3-month** quote.
- As the **sole engineer** for the first year, cleared **45+** major tickets from a **~150-item** backlog in **2 months**, mostly by re-architecting the codebase and swapping in a faster calendar library rather than patching bugs one by one.
- Cut user-blocking errors (crashes, wrong data, changes lost on refresh) from **2–4 per user** to just **5–8% of users** affected, excluding network issues.

CAW Studios | Hyderabad, India — SDE Intern → SDE 1 → SDE 2
Apr 2021 - Nov 2023

- Co-developed a **config-driven no-code UI engine** for forms and lists (React + TypeScript), cutting UI development time by **30%**.
- Built a **shared component and service library** for web and mobile in a monorepo, with dependency injection for hot-swappable modules, an auto-generated API SDK and a unified Redux store.
- Built **~80%** of the frontend for a calendar app, and was promoted from intern to **SDE 2** in **~18 months**.

Anukai Solutions | Chandigarh, India — SDE 1
Aug 2020 - Mar 2021

- Built **real-time inventory tracking** over **Sockets** for the Patiala Foundation's helmet rental service.
- Built **accident blackspot identification** with **Punjab Police**, mapping accident-prone areas on **Google Maps**.
- Digitised **end-to-end case filing** with **RBAC**, approval workflows and automated PDF generation.

AI PROJECTS (PYTHON)

- **Chat with PDF (RAG):** Document Q&A with LangChain, ChromaDB and cross-encoder reranking, citing pages.
- **InterviewIQ (AI agent):** Tool-calling interview coach with a hand-written agent loop and a two-agent mode.

TECHNICAL SKILLS

- **Languages & Frontend:** JavaScript, TypeScript, Python, React, Next.js, React Native, Redux
- **Backend & Data:** Node.js, Express, REST APIs, WebSockets, Webhooks, BullMQ, Redis, MongoDB, PostgreSQL
- **AI / LLM:** Gemini, OpenAI API, RAG, LangChain, ChromaDB, tool-calling agents, MCP, Amazon Bedrock
- **Cloud & Tools:** AWS (ECS Fargate, SNS, WAF), Firebase (App Check, Cloud Messaging), Docker, Sentry, New Relic

EDUCATION AND AWARDS

Chitkara University | Patiala, Punjab — 2018 - 2022
Bachelor of Engineering · **9.21 GPA**

- **Winner** at the National Level Hackathon, **OWASP** held at Thapar University
- Received certificate of Appreciation from the **Patiala Foundation** for the Helmet Bank project (August 2020)
- **1,100+ LeetCode problems** solved (198 hard), with a **1,000+ day** daily streak.