

Gauresh G Pai

Software Engineer

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SUMMARY

Building AI-native products, real-time analytics systems, and scalable full-stack applications for production. Experienced in architecting retrieval pipelines, event-driven systems, and AI workflows across ecommerce and construction technology using TypeScript, React, Next.js, PostgreSQL, and modern LLM tooling, with open-source contributions and hackathon-winning experience.

EXPERIENCE

Brink AI Labs | Software Engineer

Remote | Nov 2025 – Sep 2026

- Developed the knowledge infrastructure for an AI construction platform by connecting documents, RFIs, contracts, emails, calendars, and collaboration tools into a unified retrieval layer powering contextual AI agents and automated workflows.
- Built AI-powered analytics and customer engagement infrastructure for Shopify storefronts, implementing real-time event collection, session management, behaviour tracking, product recommendations, cart interventions, and merchant control plane functionality.

UDAL DC Fellowship | Lead Developer Intern

on Site | Aug 2025 - Nov 2025

- Built hospital automation services powering 73+ screens (blood bank, OT, pharmacy real-time).
- Collaborated with district administration to deliver critical healthcare services.

Freelance Full-Stack Developer | Self-Employed

Remote / Hybrid | Aug 2024 – Oct 2025

- Delivered 10+ production web applications and websites across healthcare, education, nonprofits, FMCG, and events, leading projects from client requirements to deployment.
- Built full-stack applications and workflow automations using Next.js, React, TypeScript, MongoDB, PostgreSQL.

PROJECTS

Reclaimspace

Node.js, TypeScript, CLI Tool

- Built a developer CLI that identifies and removes regeneratable development artifacts to reclaim disk space.
- Reached 4.3k+ downloads on npm and saves 1GB+ of disk space per execution on average.

CPRM Prototype

Next.js, Tailwind CSS, PostgreSQL, Shadcn UI, Prisma ORM, TypeScript, JavaScript

- Built a hospital resource and patient management platform with patient tracking and resource allocation workflows.
- Designed a modern full-stack architecture using Next.js, PostgreSQL, Prisma, and Shadcn UI.

Aakar 2025

Next.js, Tailwind CSS, PostgreSQL, Shadcn UI, Prisma ORM, TypeScript, JavaScript

- Led technical development of AAKAR 2025, AJIET's state-level techno-cultural fest, as Technical & Web Lead.
- Built a full-stack event management platform to manage registrations, schedules, and participants.

ACHIEVEMENTS

- Secured 2nd Runner-up at Cardano Hackathon Asia 2025 - IBW Edition in the Privacy Dapps Track and 2nd Runner-up at Annovation2025 Hackathon by Kyndryl and Microsoft among 1,081 teams.
- Contributed to the open source Universal Commerce Protocol (UCP) & ElevenLabs Agents SDK repository.
- Served as Student Developer Champion at UiPath (2025-26) and core member of DK24, DevNation, GDSC AJIET.
- Winner of Code Debugging (2025) at Yukti 2025.

EDUCATION

AJ Institute of Engineering and Technology, Mangalore

Dec 2022 – May 2026

B. E in Computer Science and Engineering

CGPA: 8.875

SKILL

Languages / Frameworks:

TypeScript, React.js, Next.js, TanStack Start, Python, Tailwind CSS

AI / infrastructure

LLMs, Vector Retrieval, Event-Driven Systems, AI Agents, MCP, WebSockets

Tools / Platforms:

Git, GitHub, UiPath Studio, Azure Services, Shopify

Soft Skills:

Consistency, Determination, Leadership.

Databases:

MongoDB, PostgreSQL, ClickHouse