

GANESH GOVIND J

Frontend Engineer • ganeshgovind11@gmail.com • +91 9894727530 • Bangalore, India • linkedin.com/in/ganeshgovind21 • github.com/CodeMuscle

PROFESSIONAL SUMMARY

Frontend Engineer with 4+ years building production Next.js, React, and TypeScript applications across B2B SaaS and global enterprise. Scaled organic search visibility by 40% and conversion rates by 50% at Lifesight, reduced customer support load by 30% at Bradken, and building developer tooling for the Next.js ecosystem — Flightrec, a time-travel debugger for the App Router, and Pintle, an open-source multi-tenant migration control tower. Open to senior Frontend / Product Engineer roles with visa sponsorship.

SKILLS

Languages	TypeScript, JavaScript (ES6+), Python, HTML5, CSS3
Frameworks	React, Next.js, Node.js, NestJS, Fastify, TailwindCSS, Redux, Zustand, React Query, Prisma, Spring Boot
Architecture	Multi-tenant SaaS, Event-driven systems, Modular monolith, SDK design, Domain-driven design, Workflow orchestration
Cloud & Infra	AWS, Vercel, Docker, Kubernetes, PostgreSQL, MongoDB, Redis, BullMQ, MinIO, GitHub Actions, OpenTelemetry
Tools	Contentful, Figma, Greenhouse, JIRA, Webpack, Vite, Jest, Storybook, GraphQL, Turborepo, Clerk, Agile, Scrum

WORK EXPERIENCE

Frontend Developer • Bradken • Australia (Remote) Jun 2024 – Present

- Established centralized frontend documentation in Confluence and Git, cutting new-hire onboarding time by 67% (from 3 weeks to 1 week), enabling 10+ engineers and marketers to self-serve independently without requiring dedicated engineering support.
- Led a user-feedback-driven UX refresh of the corporate website and mobile app, cutting support inquiries 30%, lifting SEMrush overall and AI scores from low 40s to 95 in 2 months, and holding Lighthouse 90+ across the board (91/99/92/90).
- Built an interactive 3D Mapbox globe on the Contact Us page with a JSON-driven marker system, letting marketing add or relocate global office locations without engineering involvement; preserved mobile LCP under a heavy 3D payload via bundle lazy-loading and deferred marker hydration.

Growth Engineer (Frontend) • Lifesight • Bengaluru Jun 2023 – May 2024

- Led the Webflow → Next.js migration, architecting a component system across 15+ product pages that delivered a 50% lift in conversion rates and a 30% reduction in checkout drop-off, directly contributing to quarter-on-quarter revenue growth.
- Constructed programmatic SEO pipelines in Python using SEMrush and PageSpeed Insights, producing high-intent landing pages that grew organic traffic by 40% over 3 months and significantly boosted qualified inbound lead volume for the sales team.
- Engineered reusable dashboard widgets for Lifesight's analytics platform (React, Spring Boot, Material UI) serving 500+ enterprise brands including GroupM, McDonald's, and Coca-Cola, cutting reporting time across MMM and budget-optimization views.

Web Developer • Mellow Designs • Bengaluru Jul 2022 – Jun 2023

- Refined user journeys for Titan, smartShift, Neytt, and Spark Diagnostics using React and structured user-flow mapping, simplifying core navigation flows and raising task completion rates by 15% across client platforms.
- Launched heatmap-driven landing-page redesigns that lifted engagement metrics by 35% within 2 months, and built a lead-tracking system monitoring all user touchpoints across 200+ active client campaigns monthly.

EDUCATION

Master of Science in Computer Science (Cloud Computing & AI System Design) • Woolf University • Malta Apr 2026 – Apr 2028

Bachelor of Engineering in Computer Science | GPA 4.5 • SRM TRP Engineering College • India Aug 2018 – Aug 2022

NOTABLE ACHIEVEMENTS

Best Performer of the Year 2025 — Bradken — Recognised for driving a 30% reduction in customer support load, cutting new-hire onboarding time by 67%, and building CMS infrastructure that enabled the marketing team to publish independently.

Best Performer Q2 2023 — Lifesight — Awarded for leading the Webflow → Next.js migration that produced a 50% conversion uplift and doubled organic traffic in one quarter, and for independently architecting the programmatic SEO pipeline.

TECHNICAL PROJECTS

Flightrec (Open Source) — Next.js, TypeScript, RSC, Server Actions, IndexedDB, Web Workers, MCP, Storybook May 2026 – Present
flightrec.vercel.app · github.com/CodeMuscle/flightrec

- Building an open-source time-travel debugger for the Next.js App Router — records a full session (Server Actions, cache invalidation, RSC payload frames, cookie/header mutations, and client-tree reconciliation) onto one scrubbable timeline, unifying six execution planes that Replay.io, Sentry, and OpenTelemetry each capture only in part.
- Engineered a dual-sided (server + client) capture pipeline feeding a deterministic replay graph — no shadow React runtime — persisted to IndexedDB and exported as portable .frec bundles, classifying cache invalidations as immediate-freshness, stale-then-refresh, or orphaned; ships via a one-line hook with an ~18 KB gzipped SDK that no-ops in production and an agent-queryable MCP server.
- Solved deterministic replay across six independent execution planes by designing a correlation-ID-based event graph that models dependency relationships instead of raw timestamps — reconstructing cache invalidations, Server Actions, RSC payloads, and client reconciliation into a single reproducible timeline, eliminating order-dependent replay drift caused by network timing.

Pintle (Open Source) — Next.js, TypeScript, NestJS, Fastify, Prisma, PostgreSQL, BullMQ, Redis, MinIO, Turborepo, Clerk April 2026 – Present
github.com/CodeMuscle/pintle

- Architecting an open-source multi-tenant migration control tower for B2B SaaS — the unsolved seam between data-import tools (Flatfile, OneSchema) and project-orchestration tools (Rocketlane, GUIDEx); ships schema mapping, validation, dry-run, cutover, and rollback as workflow primitives for the 4–6 week onboarding cycle.
- Designed a 14-module event-driven modular monolith — 3 Next.js apps, 4 BullMQ workers, 6 shared TypeScript packages on Turborepo + pnpm — with multi-tenant isolation via a request-scoped guard and Prisma extension prepending tenant_id across 100% of query paths; built end-to-end type safety with Zod contracts and a framework-agnostic Import Widget SDK, engineered for sub-300ms p95 latency and 100k-row CSV throughput.