

# Gagan Kumar

Frontend Engineer

EMAIL [hellothegagan@gmail.com](mailto:hellothegagan@gmail.com) PHONE [+91 90366 44552](tel:+919036644552)  
PORTFOLIO [thegagan-portfolio.vercel.app](https://thegagan-portfolio.vercel.app) GITHUB [github.com/otheagagan](https://github.com/otheagagan)

## WORK EXPERIENCE



Software Developer · Astra Security

Apr 2025 → Present

- Built real-time streaming UI for agent-based workflows using Next.js and Vercel AI SDK, enabling step-by-step execution visibility instead of blocking responses
- Developed frontend infrastructure for AI-driven systems, integrating agent execution flows into responsive, production-ready interfaces
- Led migration from Next.js 14 → 16, reducing bundle size by 50% and improving application performance and load times
- Optimized developer experience by transitioning from Yarn to Bun, significantly reducing local build and iteration time
- Took ownership of production stability, resolving 30+ P0 issues within the first month and stabilizing the system during high-frequency release cycles



Software Developer · Dimension64 (Sarvantar AI)

Aug 2023 → Dec 2024

- Rebuilt a legacy Angular admin system into a responsive React + Next.js application, enabling workflows that were previously desktop-only to function reliably on mobile.
- Led the migration end-to-end: audited existing system, prioritised rewrite scope, and rolled out incrementally without disrupting active users.
- Developed core product features including a map-based vehicle search (Mapbox) and a reusable component system aligned with product needs.
- Worked closely with stakeholders to translate operational requirements into stable UI flows under evolving requirements.



Software Development Intern · EXL Service

Feb 2023 → Aug 2023

- Built an internal hiring platform with .NET Core backend and Tailwind UI frontend, used for managing candidate pipelines.
- Designed recruiter workflows and dashboards to replace manual tracking with structured stages and visibility into bottlenecks.
- Collaborated with senior engineers to establish patterns that could be extended after handoff.

## PROJECTS

Triboon - Project Management Platform

[Live ↗](#)

React · Firebase · Tailwind CSS · Firestore

- Built a full-featured project management tool with task assignment, role-based dashboards, and real-time collaboration.
- Implemented real-time updates using Firebase (Firestore + Realtime DB) to synchronise state across users without refresh.
- Designed role-aware UI to expose different data views based on user permissions.

RapidLogr - Log Exploration Tool

[Live ↗](#) [Github ↗](#)

Next.js · TypeScript · Tailwind CSS · MongoDB

- Built a log exploration tool with server-side filtering for search, severity, and time ranges to keep performance consistent with larger datasets.
- Implemented URL-synced state for filters and pagination, making views shareable and reproducible.

Hirelink - Hiring Portal

[Github ↗](#)

.NET Core MVC · Tailwind CSS · SQL Server

- Internal hiring portal built at EXL Service tracking candidates across a structured 5-stage pipeline - application, screening, interview, offer, and onboarding.
- Recruiter dashboard surfaces per-stage candidate counts, status history, and bottleneck visibility; designed to replace manual spreadsheet tracking.

## SKILLS TRIDENT

Core Expertise

React 19 · Next.js 16 · Javascript/Typescript · Motion  
TanStack Query/Table · Zustand · shadcnUI/Radix UI  
React hook form · Zod · Bun/Pnpm

AI & Agentic

Mastra AI · Vercel AI SDK · Agentic Workflows  
Streaming UI · LLM Tool Use · Multi-step Agents

Backend & Data

Node.js · Firebase · Redis · REST APIs  
MongoDB · WebSockets · System Design Basics

Infra & Tooling

Git & GitHub · Docker · Vercel · Sentry · Linear  
Jira · Apidog

Design & Product

Figma · UX Thinking · Responsive Design  
UI Design Systems

## EDUCATION

Master of Computer Applications

Graduated in 2023 with Web Technologies as specialization

PES University, Bengaluru

Bachelor of Computer Applications

Graduated in 2021

Vivekananda Institute of Management, Bengaluru

## CURRENTLY EXPLORING

AI agent orchestration patterns · Design System  
Streaming UI with Vercel AI SDK

## ADDITIONAL INFORMATION

Interests

Design systems · Sci-fi & speculative tech ·  
Graphic design for startups

Volunteer Work

Computer literacy at a local government school -  
teaching fundamentals to underprivileged students