

Priya Kumari

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EDUCATION

ABES ENGINEERING COLLEGE

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

CGPA: 8.5

Expected July 2027 | India

SKILLS

Languages

C • Python • HTML • CSS • SQL • Javascript • TypeScript

Frameworks and Libraries

React • Next.js • Express.js • Node.js • JWT • Prisma

Tailwind CSS • Drizzle ORM • Socket.io

Databases

PostgreSQL • MySQL • Redis • Firebase Firestore

MongoDB

Tools and Platforms

Git • Vercel • Github • Stripe Netlify • Clerk

Cloudinary • Resend

APIs

RESTful APIs • GraphQL • FastAPI

Animations

GSAP (GreenStock Animation Platform)

OPEN SOURCE CONTRIBUTIONS

GFGXELIXIR | NEXT.JS, GSAP

- Led frontend development of **Stellaris**, a **national-level hackathon** website, managing **8+ person team** through **task allocation**, **mentor guidance**, **code reviews** and **PR approvals** across the full build cycle.
- Migrated animation system from **AOS to GSAP**, resolving z-index and visibility conflicts across **8+** UI sections, reducing animation jank and achieving consistent cross-browser rendering.

DEW PLAYER | NEXT.JS, TYPESCRIPT, CLERK

- Diagnosed and fixed video and subtitle upload failures in a browser-based media player, identifying root cause in async file handling and enforcing validated upload flows with error boundaries.
- Implemented frame-accurate video-subtitle sync and rebuilt responsive UI with Tailwind CSS, ensuring consistent playback performance across desktop and mobile viewports.

LINKS

Github: [priyacha123](#)

LinkedIn: [priyakumari210](#)

Twitter: [@textrovert39](#)

PROJECTS

PAYMENT RECONCILIATION ENGINE | NEXT.JS, NODE.JS, POSTGRESQL, PRISMA, REDIS, STRIPE WEBHOOKS, RESEND

- Build a **Stripe webhook reconciliation system** matching payment events to internal records via idempotency keys, reducing duplicate transaction errors to zero, flagged unmatched settlements with automated email alerts via **Resend**.
- Designed an immutable **PostgreSQL** ledger with **Prisma**, enforcing append-only transaction writes and generating discrepancy reports across 3 payment states (pending, matched, failed).

API GATEWAY + RATE LIMITER | NODE.JS, EXPRESS, REDIS, POSTGRESQL, JWT, NEXT.JS

- Built a **reverse proxy API gateway** with **JWT authentication** middleware, per-user sliding window rate limiting via **Redis**, and centralized request logging, enforcing configurable quotas per route and user tier with standard **429+** retry-after responses.
- Reduced unauthorized request throughput by **100%** via token validation layer and flagged abuse patterns through per-IP request volume tracking in PostgreSQL.

MULTI-TENANT SAAS WITH BILLING | NEXT.JS, TYPESCRIPT, POSTGRESQL, PRISMA, STRIPE, CLERK, REDIS, RESEND, VERCEL

- Built a **multi-tenant SaaS** platform with **Clerk** organization switching, **PostgreSQL** row-level data isolation per tenant, and stripe subscription integration supporting 3 billing tiers with usage-based limits enforced at the API layer.
- Implemented **Stripe webhook** handlers for subscription life-cycle events (created, updated, cancelled, past-due) with idempotency keys, and automated plan downgrade enforcement when payment fails, reducing billing state inconsistencies to zero.

ACHIEVEMENTS

- Managed **Stellaris: National-level Hackathon** and led a team of **8-10** members to develop the official website, supporting **1000+** participants across countries, while coordinating logistics and communication.
- Solved **250+** DSA problems across competitive programming platforms including **LeetCode**, **CodeChef** and **GeeksforGeeks**.
- Technical Lead, GeeksforGeeks ABESEC**: organizing technical events, driving community engagement and managing digital outreach across Instagram and Discord.