

Dev Shakya

+91 94572 39806 | devxoshakya@gmail.com | Meerut, Uttar Pradesh, India (250001)

LinkedIn : linkedin.com/in/devxoshakya | GitHub : github.com/devxoshakya | Portfolio : devxoshakya.xyz

PROFESSIONAL SUMMARY

Full Stack Developer specializing in **Next.js**, **TypeScript**, and **Serverless** architectures. Engineered AI-powered **RAG systems (Gemini SDK, pgvector)** that slashed content processing time from **4 hours to 3 minutes** and spearheaded SEO overhauls driving a **240% increase** in organic traffic. Expert in deploying high-performance scalable edge solutions on **Cloudflare Workers** and **AWS**.

WORK EXPERIENCE

Full Stack Developer Intern

Aug. 2025 – Oct. 2025

Boredhead Labs

Remote, India

- Built a **RAG-based semantic search** engine (**Gemini SDK, pgvector**) for natural language querying of SaaS deals, reducing search time by **45%**.
- Created a serverless pipeline (**Cloudflare Workers, Cron Job**) to scrape and normalize **Reddit** data, cutting content curation time from **4 hours to 3 minutes**.
- Established **GitHub Actions** CI/CD for automated deployments and added in-memory caching, slashing API latency by **30%**.

Full Stack Developer (Freelance)

Apr. 2025 – Jun. 2025

M.P. Pharmaceuticals Group of Co.

Ambala, India

- Revamped the corporate platform using **Next.js 15** and implemented advanced SEO strategies, driving a **240% increase in organic traffic** to reach **10k+ monthly visits**.
- Developed a context-aware AI chatbot with session memory using **Gemini SDK**, which reduced the bounce rate by **18%** by providing instant business context to visitors.
- Configured **Cloudflare R2 + Workers CDN** to accelerate asset delivery, maintaining a consistent **~21% bounce rate** through optimized caching.

PROJECTS

RAG-Powered Academic Analytics Platform (Singularity) | *Nextjs, GCP Cloudrun*

Mar. 2026 – Present

[🔗 Live Link](#) | [🔗 GitHub](#)

- Architected a multi-tenant RAG chatbot for **AKTU-affiliated colleges**, cutting repeated institutional queries by **80–90%** across **10+ departments** per institution.
- Slashed result processing for **1,200+ students** from **5 days to 40 minutes** by engineering a TypeScript engine parsing at **~1.5 sec/student**.
- Accelerated admin reporting across **10+ departments** by building PDF and Excel export pipelines, reducing report generation from **hours to under 2 minutes**.
- Engineered a **6-tier subscription system** with **DodoPayments** billing and **GitHub Actions** CI/CD on a **Turborepo/Bun** monorepo with zero-downtime deployments.

Anime Discovery and Streaming Platform (Anveshna) | *Next.js, HLS, Proxy Server*

May 2024 – Present

[🔗 Live Link](#) | [🔗 GitHub](#)

- Orchestrated a scalable distributed backend serving **21.6k+ views** and **8.05k+ visitors** in last 90 days by separating the Main Content API (Fastify) from a containerized streaming scraper running on **GCP Cloud Run**.
- Optimized video delivery latency for **100+ concurrent viewers** by engineering a serverless edge proxy using **HonoJS on Cloudflare Workers** to parse HLS streams and bypass CORS restrictions.
- Garnered community recognition with **45+ GitHub stars** and **36+ forks** by developing a high-performance **Next.js** frontend with ShadCN UI that ensured consistent playback across devices.

TECHNICAL AND SOFT SKILLS

Languages: TypeScript, JavaScript, Java, SQL, HTML/CSS

Frameworks & Libraries: Next.js, React.js, Node.js, Hono, Express, Tailwind CSS, Prisma

Cloud & Databases: AWS (EC2, S3, Lambda, ECS & ECR, RDS), Cloudflare (Workers, R2, KV, D1, Worker AI, Turnstile), Docker, PostgreSQL, Redis, MongoDB, CI/CD

Core Concepts: Data Structures & Algorithms (DSA), OOP, DBMS, Operating Systems, Computer Networking, REST APIs/GraphQL, Microservices, Agile/Scrum, Unit/Integration Testing

Soft Skills: Problem solving, Accountability, Communication, Adaptability, Collaboration, Organizational Skills

EDUCATION

Meerut Institute of Engineering and Technology

Meerut, India

Bachelor of Technology in Computer Science Engineering | **9.14 SGPA**

Aug. 2023 – Expected Jun. 2027