Dev Shakya

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Professional Summary

Full Stack Developer specializing in **Next.js**, **TypeScript**, and **Serverless** architectures (**AWS/Cloudflare**). Architected a multi-tenant **RAG platform**, slashing data processing for **1,200+** students from **5 days** to **40 minutes** and reducing institutional queries by **80–90%**. Scaled robust distributed systems serving **20k+** active users monthly with **99.9% uptime**. Drove a **240% traffic surge** via advanced SEO overhauls and boosted overall system performance by **50%** utilizing **Redis** and automated CI/CD pipelines.

Work Experience

Full Stack Developer Intern Dec. 2025 – June 2026
Gling Technologies LLP Noida, India

- Boosted frontend performance by **40%** by refactoring **React** with lazy loading and **Suspense**, deployed via **AWS S3** and **CloudFront**.
- Decreased API latency by **50%** by integrating **Redis** caching into **Dockerized Express** apps deployed on **AWS EC2** with Auto Scaling.
- Guaranteed **99.9%** system uptime and eliminated manual deployment overhead by constructing automated CI/CD pipelines utilizing **GitHub Actions** workflows.

Full Stack Developer Intern (Freelance) July. 2025 – Sept. 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 (Manual) 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 **50+ GitHub stars** and **40+ 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, Prompt Engineering

Soft Skills: Problem solving, Accountability, Communication, Adaptability, Collaboration, Stakeholder Interaction.

Education

Meerut Institute of Engineering and Technology Meerut, India
Bachelor of Technology in Computer Science Engineering | **8.2 CGPA** Aug. 2023 – Expected Jun. 2027