

SHIVANSH GOEL

Full Stack Developer

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PROFESSIONAL SUMMARY

Full Stack Developer with 17 months of professional experience building client-facing web applications in React, Angular, Node.js, and Express.js, plus 4 self-directed products shipped to production. Takes features from requirement through deployment on serverless and edge platforms, including LLM-backed features integrated server-side.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, SQL, HTML5, CSS3
Frontend: React, Next.js, Angular, Tailwind CSS, PrimeNG, Material UI (MUI)
Backend and APIs: Node.js, Express.js, FastAPI, REST APIs, Server-Side Rendering, Authentication
Databases: MySQL, MongoDB, PostgreSQL, Supabase, Redis, Cloudflare D1, Query Optimization, Caching
Cloud and DevOps: Cloudflare Workers, Vercel, Firebase, AWS, Git, GitHub Actions, CI/CD
AI Integration: Google Gemini API, Retrieval-Augmented Generation (RAG), Prompt Engineering
Practices: Agile/Scrum, Code Review, Root-Cause Analysis, Technical Documentation

PROFESSIONAL EXPERIENCE

Independent Full Stack Developer

May 2025 – Present

Self-directed product work – 0xshiv.dev

Remote

- Designed, built, and shipped 4 production web products end to end: Next.js and React frontends, serverless and edge APIs, and SQL data layers.
- Ran the full delivery loop solo – schema design, REST API routes, authentication, CI/CD through GitHub Actions, and deployment to Cloudflare Workers and Vercel.

Full Stack Developer, Intern

December 2023 – May 2025

Tedforge Solutions Private Limited

India

- Delivered client-facing features across a 17-month internship, building responsive React and Angular interfaces and the Node.js and Express.js REST APIs behind them, owning both sides of each feature.
- Reworked MySQL and MongoDB queries on data-heavy screens to cut round trips and redundant reads, improving load times on the client's highest-traffic views.
- Took bug reports through reproduction and root-cause analysis rather than surface patches, cutting recurring defects on owned modules by 40%.

PROJECTS

GhostRelay – Email Aliasing Platform | [ghostrelay.me](#) | *Next.js, React 19, Cloudflare Workers, Cloudflare D1, Resend*

- Built and deployed a full stack email aliasing platform across a Next.js frontend, Cloudflare Workers edge API, and D1 database, served from 300+ edge locations at zero hosting cost.
- Implemented unlimited one-click aliases with per-alias enable and disable controls, a responsive dashboard, and Resend forwarding that keeps the user's real address hidden.

Quizify – AI-Powered Assessment Platform | [quizify.0xshiv.dev](#) | *Next.js, React, Supabase (PostgreSQL), Redis, Google Gemini, RAG*

- Built an AI assessment platform end to end – quiz UI, Supabase data layer, and server-side API routes that generate topic-based quizzes on demand, cutting question authoring from minutes to seconds.
- Implemented a RAG pipeline grounding questions in user-uploaded documents, constrained model output to a fixed 4-field schema through prompt design, and cached Gemini responses in Redis so repeat topics cost 0 extra model calls.

FiTrack AI – Adaptive Fitness Platform | [fittrack.0xshiv.dev](#) | *Next.js, Python, Supabase (PostgreSQL), Google Gemini*

- Built a full stack fitness platform that unifies 3 log streams – workout, nutrition, and recovery – and adjusts recommended training intensity as the user's history changes.
- Called Gemini server-side with each user's profile and recent performance as context, returning goal-aware guidance in plain language with no API key exposed to the browser.

Ziplink – URL Shortener SaaS | [ziplink.0xshiv.dev](#) | *Next.js, Firebase, Edge Redirects*

- Built a URL shortener SaaS with QR-code downloads, edge redirects for low-latency global resolution, and per-link click analytics in a responsive Next.js dashboard backed by Firebase.

EDUCATION

Bachelor of Technology in Computer Science and Engineering

2023

COER University

Roorkee, India

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks, Software Engineering.

CERTIFICATIONS

TypeScript 5.2 – Microsoft | Python 3.11 Programming with FastAPI Backend Framework | Angular 16 with TypeScript 5.2 and PrimeNG 16