Tushar Grover

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EDUCATION

Dronacharya College of Engineering

Gurugram, Haryana

Bachelor of Technology in Computer Science and Information Technology

Oct. 2022 - Present

EXPERIENCE

Full-Stack Developer

Jul 2024 - Present

Freelance

Remote

- Delivered end-to-end web solutions for clients using React, Next.js, and Node.js.
- Engineered scalable backend APIs and server-side logic with Express.js and Python (FastAPI).
- Managed the full project lifecycle, from client consultation to final deployment on Vercel and AWS.

Python, Web Development Intern

Jun 2024 - Jul 2024

YBI Foundation

Remote

- Contributed to the development of internal web projects using Python, JavaScript, HTML, and CSS.
- Assisted the engineering team in coding tasks, debugging, and testing, gaining practical experience in a collaborative development workflow.

PROJECTS

July, 2025

- Shiply | Next.js, TypeScript, Bun, Hono, Redis, AWS S3, Clerk

 * Developed a Vercel-like platform for one-click, Git-based deployment of frontend applications.
 - * Engineered a high-performance backend using Bun, Hono, and a Redis queue to manage the build and deployment pipeline.
 - * Integrated AWS S3 for distributed static asset hosting and implemented custom domain routing with automated SSL.

June, 2025

- $\begin{array}{l} \textbf{SkyVault} \mid \textit{Next.js, TypeScript, Supabase, PostgreSQL, Drizzle ORM, Clerk} \\ * \text{Built a secure, full-stack cloud storage application using Next.js 14, Supabase, and PostgreSQL.} \end{array}$
 - * Utilized Drizzle ORM for type-safe database operations and implemented user-specific storage with secure, expiring URLs.
 - * Integrated in-browser file previews for images, videos, and PDFs, alongside a real-time storage analytics dashboard.

Genie | Next.js, TypeScript, NeonDB, Vercel AI SDK, NextAuth

May, 2025

- * Developed a responsive AI chatbot integrating multiple LLMs (GPT, Gemini, Llama) via the Vercel AI SDK and OpenRouter.
- * Engineered a scalable backend on a serverless stack (Next.js, NeonDB) with a credit-based usage system to manage API calls.
- * Implemented secure authentication using NextAuth (Google/GitHub OAuth) and enabled real-time, markdown-rendered chat streams.

TECHNICAL SKILLS

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

Frameworks, Libraries: Next.js, React, Express.js, Hono, FastAPI, Drizzle ORM, Prisma, Mongoose, Tailwind CSS, Material-UI

Developer Tools, Platforms: Git, Vercel, AWS, Supabase, Redis, Docker, Node.js, Bun, Clerk, Postman

CERTIFICATIONS

React Essential Training, Express Essentials, TypeScript Essential Training, The Complete Python Pro Bootcamp.