

Sharad Chavda

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Diploma student in Computer Engineering with hands-on experience in JavaScript, TypeScript, and the MERN stack. A self-taught developer with a strong interest in backend development and scalable application design, seeking **Junior or Intern Full-Stack / MERN Stack opportunities** to apply and grow technical skills in a professional environment.

EDUCATION

Diploma in Computer Science

2023-2026 (Ongoing)

Dr. Subhash University, Junagadh - CGPA: 7.23

EXPERIENCE

Tech-Rover – Web Design Intern

12/2023 - 01/2024

1 Month

- Gained experience in Frontend technologies and UI/UX design principles.
- Applied HTML, CSS, and Tailwind CSS to real-world interface designs.
- Improved understanding of layout, responsiveness, and design consistency.

PROJECTS

Turbo-Doc – SaaS Document Processing Platform

[Github](#) | [Live](#)

Turbo-Doc is a high-performance SaaS platform engineered for complex **document processing** (Document manipulation, format conversion) and image optimization.

- **Features:** Document/Image processing, tiered subscriptions, real-time job status tracking, and automated usage quotas
- **Frontend:** Built with **Next.js** (App Router), **Framer Motion**, **TanStack Query**, **Zustand** and **Shadcn UI**
- **Backend:** Architected a **Turborepo Monorepo**; utilized **Node.js Worker Threads (Piscina)** for non-blocking CPU tasks
- **Database:** Powered by **PostgreSQL** and **Prisma ORM**; designed custom job queues using **Prisma Transactions**
- **File Handling:** Integrated **AWS S3** for scalable object storage, implementing streaming uploads to handle large files
- **Authentication:** Secured using **Better Auth** (with **guest limitations**)
- **Payment:** **Razorpay** with **Webhook** for subscription
- **Deployment:** Frontend deployed on **Vercel**; Backend hosted on **AWS EC2 (t3.micro)**
- **Tools:** Maintained code quality and formatting using **ESLint** and **Prettier**

SkillBridge – FullStack

[Github](#) | [Live](#)

SkillBridge is a **collaborative learning** and **career growth** platform that empowers users to **exchange skills**, **collaborate on real-world projects**, **seek mentorship**, **track certifications** — **all in one place**.

- **Frontend:** Built with **React**, **Tailwind CSS**, **Zustand** (*state management*), **Tan-Stack-Query** and **React Router**
- **Backend:** Powered by **Node.js**, **Express.js**, and **MongoDB**, following **MVC architecture**
- **Authentication:** Secured using **JWT** and **bcrypt.js**; **Zod** used for schema validation
- **File Handling:** Managed with **Multer**, with **Cloudinary** integration for media storage
- **Tooling & Deployment:** Developed with **Vite**, deployed on **Vercel** (*Frontend*) and **Render** (*Backend*)

Portfolio Website – Frontend

[Github](#) | [Live](#)

- **Stack:** **React**, **TypeScript**, **Tailwind CSS**, and **Framer Motion**, **React Router v7**, **ESLint**, **Prettier**, and **Husky**

SKILLS

- **Languages:** JavaScript, TypeScript
- **Frontend:** HTML, CSS, React.js, Tailwind CSS, Zustand, Tan-Stack-Query, React Router,
- **Backend:** Node.js, Express.js, MongoDB, PostgreSQL, Prisma, Mongoose, Zod, JWT, bcrypt.js, Better Auth, Piscina, Node.js Worker and Worker Pool
- **File & Payment Handling:** AWS S3, Multer, Cloudinary, Razorpay (Webhooks)
- **Architecture:** MVC, Monorepo, TurboRepo
- **Tools & Platforms:** Git, GitHub, Vercel, Render, AWS EC2, S3, ESLint, Prettier, Husky
- **Development Focus:** Backend Scalability, Monorepo Architecture, Type-Safety, System Design