SHANTANU SARAF

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EDUCATION

Sir Visvesvaraya Institute of Technology, Nashik　　　　　　　　　　**Feb 2021 - Jun 2024**
*B.E. - Computer Science and Engineering - **CGPA - 8.18***　　　　　　　　*Nashik,Maharashtra*

PROJECTS

Visual Converse Plus - SaaS AI Platform ↗ | Next.js (TypeScript), Prisma, Stripe, Crisp, Clerk

- Developed an AI-powered platform offering five tools - **Image Generation, Video Generation, Code Generation, Music Generation, and Conversational AI**. Integrated **OpenAI** and **Replicate AI APIs** to enhance prompt efficiency and output quality. Utilized **Prisma ORM** with **PostgreSQL** for managing user subscriptions and API limits, ensuring reliable data integrity and faster queries. Implemented secure payment integration with **Stripe** to enable **subscription-based unlimited content generation**

VidCore - Video Streaming Platform (Open Source) ↗ | NodeJs, ExpressJs, MongoDB, Mongoose

- Built and deployed a robust backend system using **Node.js, Express.js, and MongoDB**, implementing secure user authentication with **JWT access/refresh tokens** and **bcrypt** for password hashing. Designed efficient **Mongoose database models** and optimized performance using **aggregation pipelines**. Integrated middlewares such as **Multer** for file handling, **Cloudinary** for cloud storage, **cookie-parser** for token management, and **CORS** for cross-domain communication. All APIs were thoroughly tested and validated using **Postman**.

EXPERIENCE

Decision Foundry　　　　　　　　　　　　　　　　　　　　　　**Mar 2025 - Present**
Associate Software Engineer　　　　　　　　　　　　　　　　　　　　　*Bangalore*

- At DF, I work on **AI-powered projects**, building intelligent chatbot interfaces and exploring ways to make them smarter and more interactive. I also pitch in on **marketing and business projects**, doing a bit of everything on both the **frontend and backend**. Most of my work happens in the JavaScript world with React, Angular, Node.js, Express, and MongoDB, and I'm always exploring AI to make things smarter and smoother for users.

ExcelR　　　　　　　　　　　　　　　　　　　　　　　　　　　**Feb 2024 - Oct 2024**
Full Stack Developer Program　　　　　　　　　　　　　　　　　　　　　*Pune*

- Worked on a full-stack application with **Java**, enabling role-based access control for employees and admins. Integrated **REST APIs** for handling complex data sets securely. Governed the backend data management with MySQL

Business Web Solutions　　　　　　　　　　　　　　　　　　**Jan 2023 - March 2023**
Web Developer Intern　　　　　　　　　　　　　　　　　　　　　　　*Delhi*

- Utilizing **HTML, CSS, JavaScript, and React.js**, delivered a number of modules and tasks that ensured responsive design and interactive user experiences.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, SQL
Frameworks/Technologies: Next.js, React.js, Node.js, Express.js, MongoDB, MySQL
Tools: Git, GitHub, Visual Studio Code, Postman, AWS (Lambda)

EXTRACURRICULAR / ACHIEVEMENTS

- Received the **"Best Newcomer" Award** at **Decision Foundry** for making a significant impact early in the role.
- Achieved a **71.10 percentile** in the **TCS National Qualifier Test (NQT)**.
- **Led** the **final-year engineering project** to successful completion, managing the team and participating in multiple project competitions.