

# SHANTANU SARAF

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🌐 [Linkedin](#)

🐙 [Github](#)

👤 [Portfolio](#)

## EDUCATION

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**Sir Visvesvaraya Institute of Technology, Nashik**  
*B.E. - Computer Science and Engineering - CGPA - 8.18*

**2021 – 2024**  
*Nashik, Maharashtra*

## PROJECTS

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**Visual Converse Plus - SaaS AI Platform** 🔗 | [Next.js](#), [React](#), [Prisma](#), [Stripe](#), [Crisp](#), [Clerk](#)

- Developed a platform that features five AI tools: Image Generation, Video Generation, Code Generation, Music Generation, and Conversational AI.
- Integrated OpenAI and Replicate AI APIs, enhancing the efficiency and precision of **prompt creation**.
- Improved data integrity and quicker query response times were achieved by deploying **Prisma ORM** to efficiently manage user **API limitations and subscription data** in PostgreSQL.
- To generate unlimited content, the user has to pay by credit card. This feature is integrated using **Stripe**.

**VidCore - Video Streaming Platform (Open Source)** 🔗 | [NodeJs](#), [ExpressJs](#), [MongoDB](#), [Mongoose](#)

- Built a complex backend system using **Node.js**, **Express.js**, and **MongoDB**, handling API development, data management and proper request handlers.
- Handled middlewares like **Multer** for file handling, **cloudinary** for uploading data on cloud storage, auth using jwt signature, cookie parser to store the tokens, CORS for allowing communication for different domains.
- All the routes are successfully checked and implemented in **Postman** file collection.
- Implemented secure user authentication with **JWT access token and refresh token**, **bcrypt** for **password hashing**, ensuring reliable session handling and protection against unauthorized access.
- Designed efficient **database models with Mongoose**, with advanced **aggregation pipelines** optimizing performance and enabling smooth interaction between application logic and data storage.

## EXPERIENCE

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**ExcelR**

**Feb 2024 - Aug 2024**

*Java Full Stack Trainee*

*Pune*

- Worked on a full-stack application with **Java**, **Spring Boot** and **Spring Security** 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**

*FullStack 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

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**Languages:** Java, JavaScript, HTML, CSS, SQL

**Technologies/Frameworks:** ReactJs, ExpressJs, NodeJs, MongoDB

**Tools:** Git, Visual Studio Code, Postman

## CERTIFICATIONS

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- Full Stack Developer - ExcelR
- Tech-Fest 2k24, SVIT, “Project Competition” participation
- MAHA-FEST 2k24, Sanghavi College Of Engineering, “Project Competition” participation

## EXTRACURRICULAR/ACHIEVEMENTS

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- 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 various project competitions.