

Rishab Nagwani

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Education

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- Vellore Institute of Technology, Vellore** 2023 - 2027
B.Tech Computer Science with specialization in Artificial Intelligence and Machine Learning
- CGPA: 8.60
- Poddar Brio International School, Badlapur** 2021 - 2023
CBSE Board (XII)
- Percentage: 89.1%
- SVKM JV Parekh International School, Mumbai** 2008 - 2021
IGCSE Board (X)
- Percentage: 93.6%

Projects

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- Project Manager Application** [↗](#) 2024
- Developed a project manager application with **Next.js 15** and **Hono.js** for efficient task tracking and project handling with multiple workspaces.
 - Used **Appwrite** BaaS for database, authentication and image upload.
 - Server side state management powered by **Tanstack Query and nuqs**.
- Real-time Chat Application** [↗](#) 2024
- Developed a Discord-style app with real-time chat via **WebSockets (1s polling rate)**.
 - Video and Audio features using **Livekit API** and authentication powered by **Clerk**.
 - **PostgreSQL** database managed via **Prisma ORM**.
- Payment Gateway Application** [↗](#) 2024
- Developed a **NextJS 14** application similar to Patreon, enabling user sign-in via **OAuth**.
 - Implemented profile storage in a live **MongoDB Cluster** using **Mongoose ORM**.
 - Integrated **Razorpay Payment Gateway API** for payments.

Organizations

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- VITrendZ | Full Stack Web App Developer** October 2024 - Present
VIT Vellore
- Core member of the team tasked with re-developing the landing page of VITrendZ.
- Society for Industrial and Applied Mathematics | Core Member** February 2024 - Present
VIT Vellore
- Designed responsive UI for the Gravitas Math Premier League 2024 website using **React, Bootstrap and CSS**.

Skills

Programming Languages: HTML, CSS, JavaScript, TypeScript, C/C++, Java, Python.
Frameworks and Libraries: React, Next.js, Framer Motion, Bootstrap, Tailwind CSS, Hono.js, Express.js, Node.js, MongoDB, PostgreSQL, Prisma, Git/Github, WebSocket, Sentry, Appwrite.
Coursework: Computer Programming in Python and Java, Structured and Object-Oriented Programming, Data Structures and Algorithms.