

Rishab Nagwani

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Education

Vellore Institute of Technology, Vellore <i>B.Tech Computer Science with specialization in Artificial Intelligence and Machine Learning</i> <ul style="list-style-type: none">◦ CGPA: 8.56/10	<i>August 2023 – Present</i>
Poddar Brio International School, Badlapur <i>CBSE Board (XII)</i> <ul style="list-style-type: none">◦ Percentage: 89.1%	<i>June 2021 - March 2023</i>
SVKM JV Parekh International School, Mumbai <i>IGCSE Board (X)</i> <ul style="list-style-type: none">◦ Percentage: 93.6%	<i>June 2008 – March 2021</i>

Organizations

VITrendZ — Full Stack Web Developer <i>VIT Vellore</i> <ul style="list-style-type: none">◦ In charge of developing and maintaining technical assets owned or operated by VITrendZ.◦ Core member of the team tasked with re-developing the landing page of VITrendZ.	<i>October 2024 - Present</i>
Society for Industrial and Applied Mathematics — Core Member <i>VIT Vellore</i> <ul style="list-style-type: none">◦ Designed responsive UI for the Gravitas Math Premier League 2024 website using React, Bootstrap and CSS.	<i>February 2024 - Present</i>

Projects

Real-time Chat Application 🔗 <ul style="list-style-type: none">◦ Built a Discord-style chat application using NextJS 15 which works in real-time by communication via WebSockets with a polling rate of 1000. I also used stylized components from shadcn and Tailwind CSS for better UI. It also has one-on-one video and audio call features powered by Livekit's API.◦ Powered by Clerk for authentication and PostgreSQL connected via Prisma ORM for database management.	<i>2024</i>
Payment Gateway Application 🔗 <ul style="list-style-type: none">◦ Developed an application using NextJS 14 similar to Patreon which allows users to sign in using OAuth, create their profile stored live in a MongoDB Cluster connected via Mongoose ORM for Node.js and make a payment to their favourite creator via Razorpay Payment Gateway. Stylized with Tailwind CSS.	<i>2024</i>
Password Manager Application 🔗 <ul style="list-style-type: none">◦ Developed a password manager application with React and Vite which allows users to store their passwords to a MongoDB Atlas Cluster connected via a custom ExpressJS API. The passwords can be edited and deleted as per user's convenience.	<i>2024</i>

Skills

Programming Languages: C/C++, Java, Python, JavaScript, TypeScript.
Technologies: HTML, CSS, React, ExpressJS, EJS, Node.js, MongoDB, Mongoose, NextJS, Postman, Git/Github, GitHub Actions, Framer-Motion, Bootstrap, Tailwind CSS, Sentry, Prisma, PostgreSQL, WebSockets
Certifications: GitHub Foundations, MongoDB Node.js Developer, Career Essentials in Generative AI, Career Essentials in Software Development