

# Rishab Nagwani

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## Education

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

## Organizations

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

## Projects

<b>Real-time Chat Application</b> <ul style="list-style-type: none"><li>◦ Built a Discord-style chat application which works in real-time by communication via WebSockets with a polling rate of 1000. I also used stylized components from shadcn for better UI.</li><li>◦ It also has one-on-one video and audio call features powered by LiveKit's API.</li><li>◦ Frameworks/Libraries Used: NextJS, TailwindCSS, Prisma, PostgreSQL, Clerk, Livekit, shadcn.</li></ul>	<i>2024</i>
<b>Payment Gateway Application</b> <ul style="list-style-type: none"><li>◦ Developed an application similar to Patreon which allows users to sign in, create their profile and make a payment to their favourite creator. The transaction is processed by RazorPay API and their payment gateway.</li><li>◦ Frameworks/Libraries Used: NextJS 14, MongoDB, OAuth, TailwindCSS, Razorpay API.</li></ul>	<i>2024</i>
<b>Payment Gateway Application</b> <ul style="list-style-type: none"><li>◦ Developed a Patreon-style application which allows users to sign in via Google/Github, create a profile and make payments instantly via Razorpay payment gateway to their favourite creators.</li></ul>	<i>2024</i>

## Skills

**Programming Languages:** C/C++, Java, Python, JavaScript, TypeScript.  
**Technologies:** NextJS, React, MongoDB, PostgreSQL, Postman, Git/Github, Framer-motion, Bootstrap, Tailwind CSS, Node.js, ExpressJS, Sentry, Prisma  
**Coursework:** Computer Programming in Python, Structured and Object-Oriented Programming, Data Structures and Algorithms.  
**Certifications:** GitHub Foundations, MongoDB Node.js Developer, Career Essentials in Generative AI, Career Essentials in Software Development