

Vedant Chavare

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EDUCATION

D. Y. Patil College of Engineering, Akurdi, Pune, India <i>B.Tech in Computer Science</i>	2025 – Present
Ajinkyatara College, Pune, India <i>Higher Secondary Certificate (HSC)</i>	2023 – 2025 78.17%
<ul style="list-style-type: none">MHT-CET: 97.92 Percentile	

PROJECTS

- Syncspace** | *Next.js, TypeScript, React, PostgreSQL, Docker, WebRTC* | GitHub | Live
- Developed a real-time collaboration platform supporting concurrent users with WebRTC audio, live chat, and shared whiteboard features
 - Applied room creation, unique room IDs, and room sorting functionality
 - Used Prisma ORM with PostgreSQL for efficient database management
 - Deployed using Docker, AWS EC2, Nginx, and Certbot
- Bubblechat** | *TypeScript, Next.js, WebSockets, Prisma ORM, PostgreSQL* | GitHub | Live
- Engineered a real-time chat system handling persistent WebSocket connections with scalable messaging architecture
 - Designed a Turborepo monorepo for managing the Next.js frontend and WebSocket server
 - Enabled real-time communication using WebSockets
 - Deployed the application on AWS EC2
- Ascend** | *Node.js, React.js, Axios, Tailwind, PostgreSQL, Passport.js* | GitHub | Live
- Built an investment platform for stocks, mutual funds, and ETFs with secure authentication
 - Enforced Google OAuth login using Passport.js
 - Managed persistent sessions using cookies
 - Developed a fully responsive UI using React.js and Tailwind CSS
- Movie Data Analysis** | *Python, NumPy, Matplotlib, Seaborn, Scikit-Learn* | GitHub
- Performed exploratory data analysis on century-scale movie datasets
 - Visualized ratings, revenue, and popularity trends using statistical plots
 - Implemented regression models to analyze correlations between variables
 - Applied data cleaning and preprocessing techniques

TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript, TypeScript, SQL
Frameworks / Technologies: React, Next.js, Node.js, Express.js, Hono.js, shadcn/ui, Pandas, NumPy, Matplotlib, Socket.io, Flask
Databases: PostgreSQL, Redis, MongoDB, MySQL
Developer Tools: Git, Docker, Kubernetes, VS Code, Bun, Swagger, Postman
Cloud & DevOps: AWS, Google Cloud Platform, Cloudflare, Nginx, Prometheus, Grafana, CI/CD, Linux, Helm
Concepts: REST APIs, WebSockets, WebRTC, Rate Limiting, Real-time Systems