

AKILESH VR

Tiruvallur, India

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Education

- **Vellore Institute of Technology** 2025 - Vellore, India
M.Tech Software Engineering
Percentage - 75
- **Sri Chaitanya Junior College** 2020 - Tirupathi, India
Higher Secondary Certificate (HSC)
Percentage - 91.3

Technical Skills

- **Languages:** Python, HTML, CSS, JavaScript
- **Front-End Technologies:** React.js (Vite), Tailwind CSS, Framer Motion
- **Back-End Technologies:** Node.jsExpress.js, FastAPI
- **Databases:** Redis (Upstash), PostgreSQL (NeonDB)
- **Tools/Platforms:** VS Code, PyCharm, Sublime Text, Render, GitHub, Cloudinary, Stripe
- **Core Concepts:** Data Structures and Algorithms, Web Development, API Development, Real-Time Communication (WebSockets), Encryption & Security Principles

Projects

- **Chat Flow - Real-Time Chat Application**
Built a real-time chat application using WebSockets, Redis, and Express.js for back-end and React for front-end.
Deployed using Render and Upstash Redis, featuring futuristic UI/UX.
- **Full-Stack eCommerce Application**
Designed and developed a modern, animated eCommerce site using React, Three.js, Framer Motion, FastAPI, and PostgreSQL.
Integrated Stripe for payments and Cloudinary for image management.
- **Quantum-Resistant Data Vault**
Developed a full-stack secure data vault with file encryption and decryption using modern web technologies.
Front-end: React (Vite), professional Apple-inspired UI; Back-end: encryption logic with secure key management.

Achievements

- Received a **Certificate of Honesty** from my chancellor, acknowledging my integrity.
- **Industrial internship** - SQL for data science in Vellore Institute of Technology.

Extracurriculars

- Affiliate in Wyntash Ecom Pvt Ltd, gained experience in sales and communication skills.
- VIT Tamil club - Collaborated on designing visually engaging posters for events.
- [LeetCode Profile: Akil1806](#)
- [Github Profile: Akil1806](#)