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EXPERIENCE

FinaHQ

SDE Summer Intern | May 2024 - July 2024

- Developed and maintained full-stack features using React.js, Express.js, and PostgreSQL, enhancing scalability and user experience.
- Integrated third-party APIs and implemented OAuth-based authentication, improving app security and reliability.

Annam.ai

Project Intern | May 2025 - July 2025

- Built a production-ready React Native app with FastAPI backend and ESP32 hardware integration, delivering AI-powered features to assist farmers with real-time insights.
- Collaborated in a cross-functional team to develop a full-stack solution, securing a spot among the Top 40 teams across India in a national innovation challenge.

Indira Gandhi Centre for Atomic Research [IGCAR]

Summer Research Intern | June 2025 - July 2025

- Collected and analyzed soil samples to detect radioactive elements (Thorium, Radium, Uranium) and evaluated dosage rates for environmental safety
- Built a functional frontend using Next.js to visualize predictions from a K-Nearest Neighbors (KNN) model

Open Source Programming Club, VITC

Vice Chairperson | April, 2025 - PRESENT

Web Dev Lead | August, 2024 - April, 2025

- Led the development and management of the club's official website, ensuring smooth event registrations and timely content updates.
- Co-organized Spectrum'25, a flagship hackathon with 2000+ participants.

Microsoft Innovations Club, VITC

Development Lead | April, 2025 - PRESENT

Web Dev Member | September, 2024 - April, 2025

- Led a team in building the club's official website and recruitment portal, improving visibility, registrations, and applicant selection.

EDUCATION

Vellore Institute of Technology, Chennai | 2023 - 2027

B.Tech, CSE(Data Science)

Vidya Mandir SSS, Mylapore, Chennai | 2009 - 2023

Class X and Class XII

ACHIEVEMENTS

- Top 40**, National Innovation Challenge (Annam.AI)
- 5th Place**, Pitch-a-thon (National Level Hackathon, Special Mention)
- Top 3** – CS Project (Class 12)
- Published** and built a Unity-based game, live on the Google Play Store

SKILLS

- Python
- Java
- C/C++
- Next.js
- React.js
- FastAPI
- React Native
- MongoDB
- PostgreSQL
- Express.js
- Node.js
- Unity

LANGUAGES

- English
- Tamil
- Hindi

PROJECTS

CareerTrack

AI-powered career guidance platform integrating Generative AI and full-stack tech

Pill-Dispenser

Smart medication dispenser with IoT hardware integration and React-based control interface.

Crop-Core Tech

An all-in-one smart farming app integrating IoT devices, AI features, and a mobile interface.

FitFusion

AI-powered fitness and health monitoring mobile app with React Native and GenAI integration.