

# Daniel

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## EDUCATION

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### Vellore Institute of Technology

*Integrated Master of Technology (M.Tech) in Software Engineering*

Vellore, TN

*Sep 2022 – Jul 2027 (Expected)*

## EXPERIENCE

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### Software Engineer

Dec 2025 – Present

*Growiota LLP*

*Chennai, TN*

- \* Built and deployed 5+ AI agents using Python, FastAPI, LangChain, and LLM APIs, automating workflows and reducing manual effort by 60%.
- \* Developed 10+ REST APIs and implemented RAG pipelines with vector databases, improving response latency by 40% and contextual accuracy by 35%.
- \* Designed scalable multi agent architectures and cloud infrastructure, enabling automated task execution across 3+ business use cases.

### Product Design Engineer

Jul 2025 – Present

*Luna Energy*

*Vellore, TN*

- \* Developed **lunaenergy.in** using React, TypeScript, Supabase, and Vercel, enabling location-based discovery of EV chargers and reducing charger search effort by 70% through Google Maps integration.
- \* Built an EV Trip Planner that estimates travel distance, charging cost, round trip cost, and charger availability across 2W and 4W categories, improving route planning efficiency.
- \* Implemented EV ecosystem features including Buy New EV, Sell Vehicle, Upgrade to EV, Check Resale Value, and location sharing APIs, providing a unified user experience for EV owners.

### Python Instructor and IoT Instructor, R&D Engineer

Feb 2026 – Present

*Eargle Technology LLP*

*Vellore, TN*

- \* Trained 50+ students in Python programming and IoT systems through project based learning, improving practical software development skills.
- \* Built and evaluated 10+ IoT prototypes using Arduino and embedded systems, accelerating proof of concept development by 40%.
- \* Conducted research on emerging IoT technologies and contributed to scalable hardware software solutions for real-world applications.

## PROJECTS

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### VIT Radio | [Live](#) | [GitHub](#) | *React, TypeScript, Tailwind CSS*

Jan 2026 – Present

- Developed and deployed a web platform used by 200+ VIT Community Radio members, reducing manual information lookup and waiting time from 1 hour to under 10 minute through a centralized interface built with React, TypeScript, and Tailwind CSS.
- Enhanced application responsiveness and reliability by optimizing frontend performance and deploying on Vercel, enabling real time access to radio resources and announcements.

### Luna Energy | [Live](#) | [GitHub](#) | *React, TypeScript, Supabase, Google Maps API*

Jun 2025 – Present

- Developed and deployed **lunaenergy.in**, enabling location-based discovery of 100+ EV charging stations and reducing charger search time by 70% through Google Maps API integration and a Supabase-backed architecture.
- Built an EV Trip Planner that calculates distance, travel time, charging cost, round-trip cost, and charger availability across 2W and 4W vehicles, reducing route planning effort by 80% and creating a unified EV mobility experience.

## TECHNICAL SKILLS

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**Languages:** Java, Python, TypeScript, JavaScript, SQL **Frameworks:** React, Next.js, FastAPI, Tailwind CSS, Spring Boot **AI/ML:** LangChain, LangGraph, RAG, LLM APIs **Cloud & Tools:** AWS, PostgreSQL, Vector Databases, Docker, Git, Linux, kafka, Kubernetes, Redis **Core Concepts:** DSA, OOP, DBMS, OS, CN, System Design