

EDUCATION

Vellore Institute of Technology (VIT), Vellore	2022 - 2026(expected)
B.Tech in Computer Science Engineering with Specialization in Internet Of Things	CGPA: 9.37/10
Pragnya Junior College of Commerce, Arts and Science, Pune	2020 - 2022
XII HSC Board - PCM	Percentage - 78%
Ryan International School, Mumbai	2019-2020
X ICSE Board	Percentage - 97.2%

WORK EXPERIENCE

Embedded Systems Intern - Living Things, An IIT Bombay incubated startup	June, 2024 - July, 2024
<ul style="list-style-type: none">Contributed to a 10-member team in developing a comprehensive IoT ecosystem:<ul style="list-style-type: none">Developed a full-stack power locking feature for centralized AC management using Angular, Express.js, MongoDB, and MQTTEngineered Raspberry Pi services for BACnet-based AC control, integrating with SQLite for local data storageProduced comprehensive documentation including API docs, flow diagrams, and README filesAssisted in decoding IR protocols for split ACs by creating Arduino and Python scripts for signal capture and processing, which boosted productivity by 66.6% and streamlined the decoding process	

PROJECTS

E-commerce Platform and Admin Dashboard - Next.js, Prisma, Clerk Authentication, Tailwind
<ul style="list-style-type: none">Engineered responsive admin dashboard for headless e-commerce, featuring product management and sales analytics(demo)(code).Developed a consumer-facing online store leveraging headless architecture, ensuring seamless integration with the backend systems (demo)(code).Utilized Prisma ORM with PostgreSQL for efficient data management.
Weather Tracking Web Application (demo)(code) - React.js, JavaScript, RESTful API
<ul style="list-style-type: none">Developed a dynamic and responsive weather tracking application using React.js, integrating real-time weather data from the OpenWeatherMap API.Applied geolocation features to automatically retrieve the user's current location and provide localized weather information.
Portfolio Website (demo)(code) - HTML, React.js, Tailwind
<ul style="list-style-type: none">Implemented a responsive user interface using React.js, ensuring an optimal viewing experience across various devices.Utilized Tailwind CSS to streamline styling and maintain a consistent design system, enhancing the website's aesthetic appeal and user engagement.

ROLES OF RESPONSIBILITY

Technical Head	January, 2024 - Present
IoThinC - VIT, Vellore	
<ul style="list-style-type: none">Lead and manage a dynamic IoT club with over 350 members, fostering a collaborative and innovative environment.Organized regular meets and events, including hands-on workshops, hackathons, and coding competitions, to promote active member engagement and skill development.	

SKILLS

<ul style="list-style-type: none">Languages: Java, C++, C, Python, JavaScript, Typescript, HTML, CSS, EJs.Frameworks and Libraries: Next.js, React.js, Node.js, Express.js, Tailwind, Angular, ESP-IDF.Database: PostgreSQL, SQLite, MongoDB.Developer Tools: Git/GitHub, GitLab, Visual Studio Code, Postman, pgAdmin 4, PyCharm, Azure, MongoDB Compass, MQTT Explorer, Raspberry Pi.Programming Concepts:Data Structures and Algorithms, Object Oriented Programming, Cloud Computing, API Development, MQTT Protocol, SSH, Computer Architecture and Organization, Documentation.
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CERTIFICATIONS

<ul style="list-style-type: none">Microsoft Certified: Azure AI FundamentalsMicrosoft Certified: Azure FundamentalsUdemy: The Complete 2024 Web Development BootCampPostman API Fundamentals Student Expert	<ul style="list-style-type: none">January, 2024December, 2023December, 2023August, 2023
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