


VASANTHAKUMAR V

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Education

Vellore Institute of Technology AP

Sept 2022 – Jul 2026

Bachelor of Technology in Electronics and Communication Engineering

Nazareth.Mat.Hr.Sec School, TamilNadu

June 2020 – May 2022

Tamil Nadu Board of Secondary Education, Grade 12

Experience

Technical Member

Oct 2023 – June 2026

Blockchain-The Node, VIT-AP

- Organized a team of 10+ students, ensuring seamless execution of club activities. Organized and facilitated 8 club events, including Hackathons and Workshops, attracting strong participation of 100+ students.

Projects

Museum Chatbot Website

- Developed a chatbot website for a museum, converting static frontend code to **React.js**. Developed the backend using to manage user registration, login, and details. Successfully integrated the React frontend with the **Spring Boot** backend via **REST APIs**. Implemented **Spring Security** to handle authentication and secure ticket booking processes. .
- Utilized **PostgreSQL** for data storage and ensured seamless data flow between **frontend** and **backend**. Collaborated on the project to deliver a functional and user-friendly chatbot system.

IoT based paralyzed patient health care system using GSM Module And Arduino

- * Developed a IoT based monitoring for the paralyzed patient using there Finger movements And Detect there movement using a fall sensor .
- * Utilized **C++** and **Artificial Intelligence** for real-time accessibility.

Vehicle Movement Based Light Blowing System

- * Using the C++ Algorithm We implemented a IR Sensor Based Vehicle Passing System.

Online Courses and Certifications

- * Completed **Java Full Stack Development Course** on **Udemy** - Comprehensive course covering Java backend development, frontend technologies, and full-stack integration.
- * Completed JavaScript Essentials from **Cisco Networking Academy** In Colloboration with OpenEDG Javascript Institute

Technical Skills

Languages and Frameworks: Java, HTML, Tailwind CSS, React Js, Spring Boot.

API Development: RESTful APIs, Postman .

Other Skills: Data Structures and Algorithms, Object Oriented Programming, IntelliJ IDEA, Git, PostgreSQL, MongoDB.

Cloud FrameWorks: AWS EC2, AWS S3(Basics).

Achievements

- * Attained a **HackerRank** rating of **3*** In Java Coding.