

JAI BALAJI.B

SMART AND EASILY ATTACHABLE PERSON

8973057990

bjaibalaji41@gmail.com

47D/5 vivekanadha nagar

pattukkottai



www.linkedin.com/in/b-jaibalaji

Results-driven and detail-oriented Software Developer with a strong foundation in Java programming, web development, and problem-solving. Proficient in Object-Oriented Programming (OOP), Data Structures and Algorithms (DSA), and front-end technologies like HTML, CSS, and JavaScript. Demonstrated ability to deliver innovative projects such as Home Automation and Pesticide Detection systems. Eager to contribute to a dynamic team and leverage technical expertise to build scalable, user-centric software solutions

PROJECTS & INTERNSHIP

PROJECTS

Home automation using blynk app and arduino

It is Designed and implemented a smart home system to control appliances remotely using the Blynk app and Arduino. Integrated IoT concepts to enable real-time monitoring and control, enhancing user convenience and energy efficiency.

pesticide detector with sensors

Developed a pesticide detection system using sensor technology to identify harmful chemicals in agricultural products. Improved accuracy and response time, providing farmers with a reliable tool for crop safety.

temperature controlled fan

The mini project titled "Temperature Controlled Fan" aims to design and implement an microcontroller with temperature sensors to continuously monitor the ambient temperature

INTERNSHIP

IOT in real time monitoring

Gained hands-on experience in IoT-based systems, including sensor integration, data collection, and real-time monitoring

CERTIFICATIONS

- Programming in Java - PreplInsta
- Web Development Certificate - PreplInsta
- Zonal level certificate in (BADMINTON)
- NPTEL Certification in Industrial Internet of Things (IIoT) 4.0 - NPTEL

TECHNICAL SKILLS

- Programming Languages: Java (OOP, DSA), C and C++
- Web Development: HTML, CSS, JavaScript
- Tools & Platforms: Blynk App, Arduino, Raspberry Pi, VS code, Eclipse
- Soft Skills: Innovation, Time Management, Analytical Thinking, Friendliness

EDUCATION

SNS COLLEGE OF TECHNOLOGY

Bachelor of Engineering (B.E) in Electrical and Electronics Engineering

2022-2026

WORKSHOPS

- Attended a workshop on Embedded Systems at IIT, gaining hands-on experience in hardware-software integration.
- Completed a workshop on AI Integration in Raspberry Pi, exploring AI-driven automation and IoT solutions

