YUVARAJV

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OBJECTIVE

An Electronics and Communication Engineering student aspiring to become a Software Engineer, with hands-on experience in Java, C, MySQL, and AI-driven workflow automation (n8n). Skilled in problem-solving and software development, seeking opportunities to build scalable and intelligent solutions while continuously learning.

EDUCATION

B.E. Electronics and Communication Engineering, VSB Engineering College **Expected 2027**

CGPA: 7.9/10

Higher Secondary (Class XII),Kamarajar hr sec school,Namakkal **2023**

Percentage: 74% **2021**

Secondary School (Class X), Kamaraajar matric high school,Namakkal Percentage:pass

SKILLS

Technical Skills	Java,c,MySql,Ai Workflow Automation(N8N).
Soft Skills	Communication, Team Collaboration, Problem-Solving, Time Management

PROJECTS

- **Tech Care (Agentic AI):** Developed an AI-powered customer support automation platform using n8n workflows, API integrations, and automation pipelines.
- **CodeSentinel AI:** Developed an AI-powered code analysis and review platform that detects bugs, security vulnerabilities, and coding issues while providing actionable recommendations using AI APIs and web technologies.
- **Multi-Vendor Marketplace:** Developed a local e-commerce platform that enables customers to browse products from multiple local stores, manage carts, make secure online payments, and track orders from placement to delivery.
- **IoT-Based Smart Light & Fan Controller:** Designed a home automation system using ESP8266, Arduino Cloud, IFTTT, and JavaScript interface.
- **Line Follower Robot with PID:** Built a high-speed robot using ESP32 and IR sensors with PID control.

- **Agricultural Drone:** Developed a drone using ESP32-CAM for crop monitoring and disease detection.

INTERNSHIP

Telecom Intern — Jan 2025

Bharat Sanchar Nigam Limited (BSNL) · *Salem*

- Gained exposure to telecom infrastructure including switching and broadband systems .
- Assisted in hardware configuration and observed network maintenance

Infosys Virtual Internship Program — Dec 2025 - Feb 2026

Infosys Springboard (6.0) · *Virtual*

- Developed AI-based applications and handled data preprocessing
- Implemented and evaluated machine learning models
- Followed industry-standard development and documentation practices

CERTIFICATIONS

- Programming in java - nptel (2024)
- Digital Image Processing - nptel (2025)
- Embedded Systems Design - nptel (2026)
- Java foundation certification - infosys
- Artificial intelligence primer certification - infosys
- Principles of generative ai certification - infosys
- Introduction to IoT and Digital Transformation (gold) - nasscom.

ACHIEVEMENTS

- **TCS CodeVita Season 13 Achievement**: Secured a Global Rank of **4321** in **TCS CodeVita Season 13**, demonstrating strong problem-solving, coding, and analytical skills in a global programming competition.
- **Capgemini AI Buildathon**: Participated in the **Capgemini AI Buildathon** and advanced to the **second round**, gaining experience in AI-based problem solving, teamwork, and innovative solution development.
- **Technical Competition Winner**: Secured **1st Prize** in the **Circuitrix Competition** at **Kongu Nadu Engineering College**, showcasing strong circuit design and problem-solving abilities.

LEADERSHIP

- **Team Leader – IoT Smart Automation Project**: Directed a team to develop an IoT-based light and fan controller integrated with Google and Alexa. Oversaw architecture, coding, and deployment phases.