VIGNESH J

Contact: +918122971977| Email: 23ec059@acetcbe.edu.in

LinkedIn: https://www.linkedin.com/in/vignesh-j-
17b528341?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium
=android_app

 GitHub: github.com/vignesh-j

Address:40K/43 Vanamoorthilingam Pllai ST,Muhavoor,Rajapalayam,Virudhunagar district,
City:Virudhunagar,

Career Objective

Motivated and detail-oriented second-year ELECTRONICS AND COMMUNICATION ENGINEERING
student at AKSHAYA COLLEGE OF ENGINEERING AND TECHNOLOGY, seeking opportunities to apply
and expand my technical knowledge through internships, projects, and collaborative learning.
Passionate about VLSI, PCB DESIGN, EMBEDDED SYSTEM, MACHIME LEARNING, IoT, IMAGE
PROCESSING, WEB DEVELOPMENT, etc. with a strong foundation in engineering fundamentals and
a keen interest in innovation.

Academic Details

Course	Institution	Year of Study	CGPA / %
B.E. ELECTRONICS AND COMMUNICATION ENGINEERING	AKSHAYA COLLEGE OF ENGINEERING AND TECHNOLOGY, KINATHUKADAVU	3nd Year	7.6
12th Standard	.S.HN.HN.SEC. SCHOOL,TNHSC	2022-23	75%
10th Standard	S.S.HN.HN.SEC. SCHOOL,TNHSC	2021-22	100%

Technical Skills

- Programming Languages: C, Python,Html,verilog

- Software & Tools: AutoCAD, MATLAB, SolidWorks, MS Office,VS code.

- Operating Systems: Windows.

- Other Skills: Technical drawing, Circuit design, Data analysis,Machine learning ,vlsi Verilog.

Academic Projects / Mini Projects

1. Project Title – RFID USED SMART ATTENDANCE SYSTEM

   Brief description: RFID-based Smart Attendance System automatically records student or employee attendance using RFID tags and readers for efficient tracking. Technologies Used: EMBEDDED SYSTEM, IOT

2. Project Title – ML USING AUTO PLANT DISEASE DETECTION SYSTEM

   Brief description: This system leverages machine learning to automatically detect plant diseases from captured leaf images. It helps farmers take timely action to improve crop health and yield Technologies Used: EMBEDDED SYSTEM, IOT, MACHINE LEARNING, IMAGE PROCESSING

Certifications

* Oracle – [Data Science/Naan Muthalvan], [April /2025]

*Google cloud-[Create Image Captioning Models],[April/2025]

Internships / Training

*EMBEDDED and IOT / Trainee, [GATWAY SOLUTION], [GANDIPURAM] – [JAN-2025]

Creative and detail-oriented embedded & iot skilled in building responsive, Designed and developed embedded software solutions for real-time applications, enhancing system efficiency and reliability.

 Engineered IoT solutions integrating sensors and cloud platforms to enable seamless device communication and data analytics.

*AI & IOT/workshop,[ENTHU TECH],[Coimbatore]-[March-2025]

Developed and deployed AI-driven predictive maintenance models for IoT-enabled industrial equipment, reducing downtime by 25%.

Integrated machine learning algorithms into IoT sensor networks to optimize energy consumption, achieving a 20% increase in efficiency.

*Networking & cyber security / Internship,[SKILL SHARE SOLUTION],[COIMBATORE]-[Jul-2025] Skilled in designing, implementing, and managing reliable and secure network infrastructures. Expertise in troubleshooting, optimizing performance, and ensuring seamless connectivity.

Proficient in safeguarding systems and data through proactive security measures, threat detection, and incident response. Experienced in applying industry best practices to protect against cyber threats.

Achievements & Activities

- Participated in Hackathon / SI

-Participated in Hackathon / Accenture

Languages Known

- English (Fluent)

- Tamil (Native)

Declaration

I hereby declare that the above-mentioned details are true to the best of my knowledge and belief.

Date:

Place:

Your Full Name:

VIGNESH J