febamathew2002@gmail.com

8590051704

Pezhamattom (H)
Pampady P.O
Kottayam

Feba Mathew

ELECTRONICS AND COMMUNICATION ENGINEER

EDUCATION

Bachelor Of Technology

Saintgits College Of Engineering: 2020-2024

B.Tech Graduate ,specialised in
Electronics & Communication Engineering
CGPA: 8.65 /10

Higher Secondary Education

M.G.M NSS HSS LAKKATTOOR : 2018 – 2020

Completed higher secondary education
SCORE: 92%
Board: Kerala State board

AISSE

VIMALAMBIKA PUBLIC SCHOOL
PAMPADY : 2017 – 2018

Completed Secondary school education
SCORE: 86%
Board: CBSE

TECHNICAL SKILLS

Tools
- Cadence Tool
- Arduino IDE
- Matlab
- Vivado

Languages
- Programming in C
- Verilog Programming

SOFT SKILLS

- Team Collaboration
- Communication Skills
- Problem-Solving

CERTIFICATIONS

- NPTEL COURSE, AIR POLLUTION AND CONTROL

PERSONAL DETAILS

- DOB : 19 th MAY 2002
- LANGUAGES KNOWN: MALAYALAM
                                 ENGLISH

PROFILE

Motivated engineer with a passion for problem-solving and a strong foundation in Electronics And Communication Engineering. Proven ability to collaborate in diverse teams, communicate technical concepts effectively, and deliver results. Eager to apply academic knowledge and contribute to innovative projects in a professional setting.

INTERNSHIPS

INDIAN RAILWAY, TVM   **August 2023 (8days)**

DOMAIN : Signals and Telecommunication

BSNL, KOTTAYAM   **February 2023 (8 days)**

DOMAIN : Telecommunication

KELTRON, TVM   **May 2022 (7 days)**

DOMAIN : IOT

LEADERSHIPS

- **Technical event head "NAKSHATHRA" 2023,Techno-cultural fest**
- **Placement coordinator 2023-24**

PROJECTS

Sanitary Napkin Incinerator (Completed)

Home incinerator for sanitary napkins: lid opens with hand sensing, powered by solar-charged 12V battery. Nichrome wires burn waste to ashes, collected in a tray. Built-in exhaust fan minimizes smoke emissions.

Trash level monitoring & data visualization (Completed)

Engineered a smart waste monitoring system for apartments, integrating sensors for real-time trash and odor detection. Implemented on Blynk cloud platform, enhancing waste collection efficiency and sustainability.

Smart waste segregation unit (Completed)

Trains deep learning model YOLO for waste categorization. Integrated smell and level sensors for real-time data on the cloud. Automated alerts for authorities on reaching waste thresholds.

ACHIEVEMENTS

- Successfully completed Minor degree in Computer Science Engineering (Networking)
- Successfully completed B.Tech honours in Nanoelectonics
- Received the best internal project award, ECE department at SRISHTI 2024 National level project exhibition and competition, for the project titled 'Waste detection and segregation system using deep learning'.

REFERENCES

Er. Anu C Kunjachan
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