

PAVITHRA

GRADUATE ENGINEER

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SUMMARY

Enthusiastic Embedded Systems trainee with a deep interest in building smart, efficient, and reliable embedded solutions. Alongside my technical journey, I have developed strong skills in technical writing simplifying complex concepts into clear, engaging content that connects technology with people.

EDUCATION

Year	Institution	Details
2021 - 2025	MEPCO SCHLENK ENGINEERING COLLEGE	Bachelors in Electronics and Communication Engineering
2020 - 2021	SNM MATRIC HR SEC SCHOOL	HSC
2018 - 2019	SNM MATRIC HR SEC SCHOOL	SSLC

PROFESSIONAL COURSE

YEAR	INSTITUTE	COURSE NAME
2025 - Now	Emertxe	Embedded Systems

CERTIFICATIONS

YEAR	CERTIFICATION
JAN - APR 2024	NPTEL -Introduction to Industry 4.0 and Industrial IoT
JUL - OCT 2023	NPTEL - Introduction to IoT
JAN - APR 2023	NPTEL - The Joy of Computing using Python

INTERSHIP

AUG – NOV 2021	Content Writer at GAOTek.inc In this internship I gain practical experience in Technical Writing, Content writing, Product Sourcing, Reviewing the file of my team members as Squad Leader. As a team lead, I also developed strong leadership, coordination, and communication skills.
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PROJECTS

FINAL YEAR PROJECT - Design of approximate adder architectures for image blending using Verilog.

MINI PROJECTS

Antenna - Design of Aperture Based Patch Antenna for Sub 6 GHz Application Using Ansys

Microcontroller - Automatic Railway Gate Control Using 8051 Microprocessor

Digital Electronics - Digital Pulse Counter

C - Address book

C - Steganography

Data structures - Blood Bank Management Using Data Structure and Algorithm in C

Data structures - Arbitrary Precision Calculator

Data structures - Inverted Search

TECHNICAL SKILLS

C | C++ | Data structures | Micro controllers | Linux Internals & Networking | Electronics| MS office

SOFT SKILLS

Clear Communication | Time management | Team coordination

LANGUAGES KNOWN

English | Tamil | Telugu | Hindi