

**PAVITHRA.B**

[pavishruthi2004@gmail.com](mailto:pavishruthi2004@gmail.com)

9994939163

## CAREER OBJECTIVE

To secure a challenging position in the core or IT industry where I can leverage my engineering expertise to solve complex problems, contribute to innovative solutions, and enhance my professional skills through continuous learning and growth.

## EDUCATIONAL DETAILS

UG	Schooling - CBSE
B.E - Electrical and Electronics Engineering	Institution: Vetri Vikaas Public School
Institution: Knowledge Institute of Technology	HSC: 2020-2021   Percentage: 83.8%
Duration: 2022 - 2026 (Pursuing)	SSLC: 2018-2019   Percentage: 83.6%
CGPA: 8.5 (up to 4 <sup>th</sup> semester)	

## SKILLS

Programming	C (Mediator), Python (Basics), Html & CSS (Basics)
Typewriting	Tamil & English (Lower & Higher)

## PROJECT

TITLE	DESCRIPTION
AI POWERED SMART DRONE- POWER GUARD	We have developed an AI Injected Smart Drone to Analyze and Detect the Physical Damages during continues Operation of the Power Plant with advanced monitoring techniques for early crack detection and employing lasting repair methods for maintaining boiler integrity in the long run of the equipment's in a power plant.
WEBSITE FOR INTERNSHIPS - GRADPREPARE	We have developed a website to provide valuable information about trusted internships, courses, workshops and hackathons. We are aiming to create a platform where students can easily access resources to enhance their skills and boost their careers.
ADVANCED WRITING SYSTEM FOR SLDs – NEOSCRIBE (NO GOING)	To create a smart writing pad and pen to assist children with specific learning disabilities. This project focus on enhancing learning independence, improved academic performance, and boosting their confidence through accessible and user-friendly interfaced product.

## INTERNSHIP / INPLANT

Salem Steel Plant	<ul style="list-style-type: none"> <li>Learnt about power transmission and distribution.</li> <li>Gaining experience in steel manufacturing and production processes.</li> </ul>	SEP 2023
United CAD	□ About the Embedded systems and IoT based projects.	FEB 2024
San Technovation	<ul style="list-style-type: none"> <li>Learnt embedded C for programming embedded system.</li> <li>Project based on IOT</li> </ul>	JULY 2024
Interne Platform	□ Learnt front end technologies in Web Development, honing my skills in HTML, CSS.	MAY – JUN 2024

## ACHIEVEMENTS

1. Won ₹20,000 prototype grant to develop a project (Power Guard) in SMART INDIA HACKATHON – FINALE held in LNCT, Bhopal. Team name: Dronacharyas  
DEC 2023
2. Successfully completed the NPTEL course on Numerical Methods.  
JUL -SEP 2023
3. Participated in HACKATHON for Women in Engineering conducted by TANCAM held in Sona College of Technology.  
MAR 2024
4. Secured 2nd prize for presenting a paper in IEEE format at SRM Institute of Science and Technology.  
MAR 2024
5. Successfully completed the NPTEL course on "Introduction to Industry 4.0 and Industrial Internet of Things," earning an Elite certificate with a score of 67%.  
JUL – OCT 2024

## PAPER PRESENTATION & WORKSHOPS

1. I have presented Paper on the topic NATURAL LANGUAGE PROCESSING MAR conducted in vivekananda College of Technology for Women. 2023
2. I have presented a Paper on the topic PAPER BATTERY conducted in MAY 2023 Muthayammal College of Engineering.
3. I have presented a paper on the topic E-SKIN conducted in Sona College of Technology.  
FEB 2024

## PERSONAL PROFILE

Name	Pavithra. B
Gender	Female
Date of Birth	09/02/2004
Father's Name	Mr. S. Baskaran
Address	37, A Dasa street, Rasipuram (TK), Namakkal (Dt).
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