



## SHREENIDHI VEDPATHAK

E&TC Engineer

+91-9923466132 • shreenidivedpathak346@gmail.com • <https://www.linkedin.com/in/shreenidhi-vedpathak-98b806229>  
• <https://github.com/shreevedpathak04> • PUNE,INDIA

### Education

Dr.D.Y.Patil Institute Of Technology	Pune,India
B.E- Electronics And Telecommunication   GPA: 8.3 / 10.0	Present
Dr.D.Y.PACS Junior College	Pimpri Pune17
HSC	07/2019 - 03/2021
S.F.J.V	Pimpri Chinchwad Pune18
SSC	07/2012 - 03/2019

### Experience

MICROCHIP SEMICONDUCTOR	KBCNMU,INDIA
Intern	09/2023 - 11/2023
Internship at KBCNMU	
<ul style="list-style-type: none"><li>During my enriching 2-month internship at KBCNMU, I had the opportunity to work on MOS capacitor development within a state-of-the-art 10k clean room facility.</li><li>This experience provided invaluable hands-on exposure to advanced semiconductor technologies.</li><li>I honed my skills, collaborated with talented professionals, and gained a deep understanding of clean room protocols.</li></ul>	
Shradha PCB.PVT.LMT	PUNE,INDIA
Intern	07/2023 - 09/2023
PCB DESIGN Internship	
<ul style="list-style-type: none"><li>5 weeks of internship in PCB DESIGN with the title of Exploratory Data Analysis of car Features at Shradha PCB.</li></ul>	

### Projects

MICROCHIP SEMICONDUCTOR MOS DEVICE (LED MOS CAPACITOR)	IITB&KBCNMU
	09/2023 - 10/2023
Led MOS Capacitor Project at KBCNMU's state-of-the-art 10K Clean Room Facility.	
<ul style="list-style-type: none"><li>Managed the design, fabrication, and characterization of advanced MOS capacitors.</li><li>Implemented cutting-edge techniques in semiconductor device engineering, showcasing expertise in clean room protocols.</li><li>Achieved precise results, demonstrating exceptional technical skills and attention to detail.</li></ul>	
Alcohol Detection System In Vehicles	IIT BOMBAY
	01/2022 - 05/2023
Alcohol Detection System In Vehicles	
<ul style="list-style-type: none"><li>An Alcohol Detection System in Vehicles prevents drunk driving by detecting alcohol levels in the driver's breath.</li><li>It ensures road safety by stopping intoxicated individuals from operating vehicles.</li><li>It is a model implemented using embedded systems.</li></ul>	
Air Pollution Detection System	COEP,PUNE
	04/2022 - 07/2023
Air Pollution Detection System	
<ul style="list-style-type: none"><li>An Air Pollution Detection System is a technology that helps monitor and measure harmful substances in the air, like smoke and chemicals.</li><li>It alerts us when the air is polluted, enabling us to take steps to stay healthy and reduce environmental damage.</li><li>It is a model implemented using embedded systems.</li></ul>	
INTELLISTEP	DIT,PUNE
	11/2022 - 03/2023
INTELLISTEP smart shoes designed for seniors.	
<ul style="list-style-type: none"><li>INTELLISTEP smart shoes are specially designed for seniors, featuring built-in sensors to track steps and detect falls, promoting safety and activity.</li><li>These shoes enhance mobility and well-being for older individuals.</li></ul>	

### Strengths

<b>Technical Skills</b> Possess exceptional technical skills in semiconductor device engineering and embedded systems implementation.	<b>Project Management</b> Successfully managed the design, fabrication, and characterization of advanced MOS capacitors project.	<b>Innovative Solutions</b> Developed innovative solutions like the Alcohol Detection System in Vehicles and Air Pollution Detection System.
--	---	---

## Strengths



### Collaboration

Collaborated with talented professionals and gained hands-on exposure to advanced semiconductor technologies.



### Clean Room Operations

Demonstrated proficiency in semiconductor device engineering and embedded systems implementation.



### Innovative problem-solving skills

Proven ability to develop advanced technologies for road safety and environmental awareness.

## Achievements



### Leading MICROCHIP SEMICONDUCTOR activity at KBCNMU Socials

Got Certified for leading MICROCHIP SEMICONDUCTOR activity at KBCNMU Socials.



### Presented computer vision research paper at IEEE-CINE 2023

Presented computer vision research paper at IEEE-CINE 2023.



### Award from DIT Socials

Got an award from DIT Socials.



### Professional Cricketer

Represented the Indian cricket club in a professional tournament.

## CERTIFICATIONS



### Leading MICROCHIP SEMICONDUCTOR activity at KBCNMU Socials

Got Certified for leading MICROCHIP SEMICONDUCTOR activity at KBCNMU Socials.



### PCB-DIT 2023

PCB designing and manufacturing course conducted by industry Shraddha Electronics PVT\_LTD



### STM32 Microcontroller workshop

Conducted by DIT Socials.



### Network Technician Career Path

Computer Network course introduced by CISCO Network Academy