

DAMINI PATIL

Electronics and Telecommunications Student

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Portfolio link

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Pune

DP

SUMMARY

I am a dedicated Electronics and Telecommunications student in my final year, passionate about frontend development. I have gained a strong foundation in creating responsive and user-friendly interfaces using modern web technologies. My experiences in internships and projects reflect my problem-solving abilities and creativity in building innovative digital solutions, ready to contribute my skills to impactful projects.

EXPERIENCE

05/2024 - 07/2024

Pune

Intern

College of Engineering PUNE

Internship focused on 5G technology education and simulations.

- Learned about the basics of 5G technology from Ericsson's Education Programme.
- Conducted simulations for 5G OFDM blocks enhancement.
- Written a research paper on 'Enhanced Spectral Efficiency in 5G Networks Using OFDM-IM and Massive MIMO Techniques'.

EDUCATION

08/2021 - 05/2025

Pune

B.Tech

College Of Engineering Pune

CERTIFICATION

Ericsson's Education Programme

Learning about 5G basics to advance, the evolution of 5G, IoT, and automation.

SKILLS

Web Development

C++ DSA

restful

IOT-5G

Embedded C

Verilog coding

PROJECTS

Weather-App

06/2024 - 07/2024

Weather-App that provides current weather information, enhancing user experience.

- Developed a responsive weather checking application that fetches and displays real-time weather data for various cities using the OpenWeatherMap API.
- Implemented search functionality allowing users to input city names and retrieve corresponding weather details.

Health Monitoring System

01/2024 - 06/2024

Health Monitoring System to track vital signs and improve patient monitoring.

- Developed a health monitoring system using Arduino Uno, integrating sensors to measure vital signs like heart rate and body temperature.
- Displayed real-time data on an LCD and transmitted information via Wi-Fi for remote monitoring.
- Enhanced patient care by enabling continuous health tracking and timely alerts.

PASSIONS



Design Portfolio Coordinator for ZEST'23

Participated as the Design Portfolio Coordinator for ZEST'23, leading the creation and execution of engaging poster designs, enhancing project management skills and understanding of graphic design.

VOLUNTEERING

Spandan Club

COEP TECH

📅 2023

Coordinated activities for Spandan, a social club dedicated to aiding needy students through various initiatives. Led donation drives for clothing and essentials, and organized successful blood donation camps, significantly impacting the community. Engaged with volunteers to promote social responsibility and awareness, fostering a spirit of giving among peers while enhancing my leadership and organizational skills.