

VAIBHAV VISHWAKARMA

Delhi, India

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Portfolio

EDUCATION

National Institute of Technology, Delhi

ECE - CGPA - 8.28

Aug 2023 – Jul 2027

Delhi, India

St. Peter's Senior Secondary School, Chandigarh

Senior Secondary (Science - PCM) - CBSE - Percentage - 90%

Apr 2021 – Jul 2022

Chandigarh, India

Saraswati Sr. Sec. Vidya Mandir, Deoria

High School - CBSE - Percentage - 92.3%

Apr 2019 – Jun 2020

U.P., India

PROJECTS

Seizure Detection Using EEG Signals | Python, TensorFlow, EEG Data

Feb 2025 – Present

- Analyzing existing methods and approaches for seizure detection using EEG signals.
- Implementing a machine learning model based on research findings.
- Applying algorithms such as CNN and RNN for improved seizure detection.

Qibla Compass | Arduino, Magnetometer

Dec 2024

- Developed a Qibla Compass using Arduino (Nano) and magnetometer, providing directional accuracy for prayers.
- Implemented real-time calibration and display output.

Bluetooth-Controlled Robot Car | Arduino, Bluetooth

May 2024

- Built a robot car controlled via Bluetooth using Arduino (Uno).
- Enabled wireless navigation through a smartphone app.
- Integrated motor control and real-time response features.

EXPERIENCE

Training and Placement Cell, NIT Delhi

Jan 2025 – Present

Calling Coordinator

Delhi, India

- Contacting company HRs to invite them for campus placements and internships.
- Improving communication skills through regular professional interactions.

SKILLS AND INTERESTS

Languages: HTML, CSS, JavaScript, C, C++

Tools: VS Code, Git, GitHub, Arduino IDE, MATLAB, LTspice, Canva, Overleaf

Frameworks: Tailwind, ReactJS

Areas of Interest: Web Design and Development

Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability

CERTIFICATIONS

- Google Cloud Computing Foundation – Dec 2023

Achievements

- Submitted a project on the Indian Presidential Election process at OLabThon, OLABS. – Jan 2025