VAIBHAV VISHWAKARMA

Delhi, India

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EDUCATION

National Institute of Technology, Delhi — **Aug 2023 – Jul 2027**
*ECE - **CGPA - 8.15*** — *Delhi, India*

St. Peter's Senior Secondary School, Chandigarh — **Apr 2021 – Jul 2022**
*Senior Secondary (Science - PCM) - CBSE - **Percentage - 90%*** — *Chandigarh, India*

Saraswati Sr. Sec. Vidya Mandir, Deoria — **Apr 2019 – Ju 2020**
*High School - CBSE - **Percentage - 92.3%*** — *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