Vikash Seth

Roll No.: 2404118
Bachelor of Technology(B.Tech)
Electronics and Communication
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EDUCATION

•**National Institue of Technology,Patna** *2024-28*
B.Tech in Electronics and Communication Engineering CGPA: 9.35

•**Children's Garden School,Bhabua(Kaimur)** *2021-23*
Central Board of Secondary Education,Intermediate Percentage: 85

•**St. Lorentz English School,Bhabua(Kaimur)** *2021*
Central Board of Secondary Education,Matriculate Percentage: 91

PERSONAL PROJECTS

•**Crop Prediction model** *March 2025*
Predicts the most suitable crop based on historical data and environmental parameters.

- Tools & technologies used: Python,Machine Learning,Flask,HTML,CSS
- User-friendly web application for easy input of local parameters and accessing recommendations.Integration of the model with real-time weather data for accurate predictions.

•**Air Pollution Monitoring System with Smartphone Technology** *April 2025*
Developed a mobile-based system that connects with external air quality sensors to monitor real-time pollution levels.

- Tools & technologies used: Aurduino Ide,ESP32 Microcontroller
- The system integrates a mobile application with external air quality sensors to measure pollutants such as PM2.5, PM10, CO, CO, NO, and temperature/humidity.

TECHNICAL SKILLS AND INTERESTS

Languages:C,C++,Python,HTML,CSS,Flask
Developer Tools:VS Code,Pycharm,Google Colab,Git,Github
Frameworks:Pandas,Numpy,Scikit-Learn,Matplotlib
Cloud/Databases:Google Cloud
Soft Skills:Time Management,Problem Solving,Emotional Intelligence
Coursework:Data Structure and Algorithms,Machine Learning
Areas of Interest:Machine Learning,VLSI Design

ACHIEVEMENTS

•**Parcipated in CODE the UNCODED**Selected in first Round,Organised by IEEE Club,NITP *November 2024*

•**ParciPated in Google's Solution Challenge**Organised by Google Developers Groups *january 2025*

•**Participated in Hack with India**Selected among 5000 Paticipants *march 2025*

•**School Topper in Class 10th** *may 2021*