Vipin Kumar

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Bachelor of Technology
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EDUCATION

•**Indian Institute of Information Technology, Kota** *2024*
Bachelor of Technology in Computer Science CGPA: 6.59

•**Nav Jyoti Senior Secondary School, Rewari** *2018*
Central Board of Secondary Education Percentage: 7.8

•**Nav Jyoti Senior Secondary School, Rewari** *2016*
Central Board of Secondary Education CGPA: 7.4

TECHNICAL SKILLS AND INTERESTS

Languages: CPP, Python, SQL
Developer Tools: Linux(Ubuntu), GitHub, Jupyter Notebook, Google Colab, Visual Studio Code, Pycharm, Power Bi
Cloud/Databases: MySQL Server, AWS
Coursework: Data Structures and Algorithms, Database Management, Operating Systems, Object-Oriented Programming, Computer Networks, Mathematics
Interests: ETL (Extract, Transform, Load), Machine Learning, Deep Learning, Artificial Intelligence (AI),

SOFT SKILLS

Languages:English, Hindi
Some Other Important Skills: Communication, Problem-Solving, Leadership, Teamwork, Adaptability, Creativity, data analysis, business intelligence

PERSONAL PROJECTS

• **Detecting depression from EEG signals using AI and machine learning techniques -** GitHub*June 2023- July 2023*

- Data Collection and Preprocessing, Feature Extraction, Model Development like Machine Learning Models, Model Evaluation .
- Depression Detection Using EEG Signals Dataset for Brain signals.
- Using machine learning algorithms like KNN, SVM, Random Forest, XGB, GNB Classifier.
- Using deep learning algorithms like CNN, RNN, ANN.
- Results from algorithms compared.

•**DSA Tracker -** GitHub *July 2023- August 2023*

- A full stack application to keep track of DSA progress, with CRUD operations and progress tracking system.
- Built with MongoDB, React, NodeJs, JavaScript, CSS, with features like ToDo list.

ACHIEVEMENTS

- **CodeForces** : **Specialist** at Codeforces , max Rating (**1120**+)
- **GeeksForGeeks** : ReSolved **250**+ problems ,including **150**+ **medium** difficulty problems on GeeksforGeeks platform
- **Leet Code** : Resolved over **250**+ problems, including **150**+ **medium** difficulty problems,demonstrating a strong grasp of algorithms and data structures.