TUSHAR SINGH

Varanasi, Uttar Pradesh, India

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EDUCATION

Indian Institute of Information Technology, Bhagalpur, Bihar   **Dec 2020 – Present**
B.Tech in Computer Science and Engineering   ***CGPA: 8.44/10.00***

Vanita Public School, Varanasi, Uttar Pradesh   **Mar 2018 – Mar 2019**
Senior Secondary Education   ***Percentage: 89.8/100.00***

RELEVANT COURSEWORK

- Data Structures
- Algorithms Analysis
- Database Management
- Computer Networks
- OOPs
- Operating Sysetm
- Software Engineering
- Machine Learning

PROJECTS

Marks Prediction Model | *Python, Scikit-Learn, Machine Learning*   **Jul 2023**
- **Data-Driven Approach:** Applied data analysis and preprocessing techniques to ensure high-quality input for the machine learning model, contributing to precise mark predictions.
- **Scikit-Learn Implementation:** Implemented the project using the Scikit-Learn library, a widely used and robust tool for machine learning in Python. Also implemented Hyperparameter tuning.

Portfolio Webpage | *ReactJS, ExpressJS, MongoDB, Tailwind CSS, HTML5, Javascript* **My-Portfolio**   **May 2023**
- **Portfolio Showcase:** Developed a responsive portfolio webpage using React.js and Tailwind CSS to showcase skills, personal and professional details, collaborations, and mini projects, highlights expertise and accomplishments (**+70% increase in profile views**).
- **Seamless User Experience with React.js:** Leveraged React.js to create a seamless user experience, ensuring fast and efficient loading of content, providing a smooth browsing experience (**+30% reduction in page load time**).

TECHNICAL SKILLS

Languages: C, C++, Python, HTML5/CSS3, JavaScript, SQL, MongoDB, ReactJs, NodeJs
Developer Tools: VS Code, Sublime, Google Cloud Console , Git, Jupyter
Technologies: Linux, GitHub, Windows

ACHIEVEMENTS

IIIT BHAGALPUR   **Mar 2022 – Present**
- Secured **3rd rank** in CODELOOP coding competition at ENYUGMA 2022 against 1000 participants.
- Achieved **5th position** in GFG chapter coding competition at IIIT Bhagalpur out of 120 participants.
- Secured **6th position** in CodeRush 2023 coding competition at IIIT Bhagalpur among 250 participants.

Miscellaneous   **Dec 2020 – Present**
- Attained **All India Rank 48272** in JEE MAINS 2020 out of 11,00,000 candidates.
- Currently ranked in the **top 13.24%** of all coders on LeetCode.

CERTIFICATIONS

LinkedIn Python Certification *Certificate Link*   **Dec 2023**
Python (Programming Language)   *LinkedIn*
- **Skills Highlight:** Demonstrated proficiency in Python programming, covering core language concepts, data structures, and algorithms.
- **Practical Usage:** Applied knowledge in real-world scenarios, showcasing skills in Python libraries and frameworks, including Pandas, Numpy, HTMLParser and more.

LEADERSHIP / EXTRACURRICULAR

PyC : The Official Coding club   **Mar 2022 – Present**
Incharge   *IIIT Bhagalpur*
- **Effective Leadership:** Demonstrated strong leadership skills as the in-charge of PyC, providing directions and guidance to club members, fostering a collaborative and motivated team environment.
- **Efficient Management:** Successfully managed club activities, events, and resources, ensuring smooth coordination and timely execution of coding competitions, workshops, and other initiatives (**+30% increase in event participation**).