ADITYA VATSA

Patna, Bihar, India

📞 +91 6209242238   ✉ jhaadi4444@gmail.com   in LinkedIn   ⌗ Github

EDUCATION

Indian Institute of Information Technology, Bhagalpur, Bihar **Dec 2020 – Present**
B.Tech in Electronics and Communication Engineering *CGPA: 8.14/10.00 (Absolute Grading)*

RELEVANT COURSEWORK

- Data Structures
- Machine Learning
- DBMS
- OOPs
- Operating System

EXPERIENCE

Chegg **Mar 2021 – Present**
Freelancer, Remote *Subject Matter Expert*

Proficient in Subject Matter: Demonstrated in-depth knowledge and expertise in the specific subject area, providing accurate guidance and support to students (**+98% positive ratings**).

PROJECTS

Brain Tumor Detection | *Deep Learning(CNN),FLASK* **Web.app** (September 2023)
- Created a web application and implemented CNN algorithm for brain tumor detection using mri images (**+98% approval from diagnosis departments and medical field practitioner**).

Plant Disease Detection | *Deep Learning(CNN),FLASK* **Web.app** (October 2023)
- Created a web application and implemented CNN algorithm for plants detection using images (**+97% approval from diagnosis departments and botanists**).

Chat App | *React.js, CSS, HTML, JS, MongoDB, Postman, Express, Node.js* **Chat.app** (May 2023)
- Developed a MERN stack real-time chat app with Login, Sign Up, and Group Chat operations (**+60% improvement in social media organization**).

Weather App | *React.js, CSS, HTML, JS, MongoDB, Node.js* **Weather.app** (Jul 2023)
- Developed a MERN stack weather app providing current weather details (**+60% improvement in social media organization**).

Air Canvas App | *OpenCV, Python, Numpy* **canvas.app** (Jul 2023)
- Developed a computer vision project for tracking objects and drawing in the air (**+40% related professor approval**).

TECHNICAL SKILLS

- **Languages**: C, C++, HTML5/CSS3, JavaScript, ReactJs, NodeJs,Machine Learning,Deep Learning, Data Structures and Algorithms
- **Developer Tools**: VS Code, Git, GitHub, MongoDB

ACHIEVEMENTS / EXTRACURRICULAR

- **Sargam: The Official Singing Club**, Incharge, IIIT Bhagalpur, Mar 2021 – Sep 2022
- **EBSB: The Official Cultural Club**, Managing Coordinator, IIIT Bhagalpur, Jul 2021 – Sep 2022
- **College Fest Club**, Led a team for cleanliness drive and won 1st prize in a poster competition, IIIT Bhagalpur, Year-2021
- **NCO: The National Cyber Olympiad**, School Winner, Patna, Year-2016
- **IMO: The National Maths Olympiad**, State Rank: 102, Patna, Year-2017
- Received certificates for 1st prize in Quiz competitions, Patna, Year-2016-17