

Kaustubh Dwivedi

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Education

1. Vellore Institute of Technology September 2021 – Present
 - Course: BTech in Computer Science Engineering with Specialization in Artificial Intelligence and Robotics
 - CGPA: 9.15/10
 - Expected Graduation Date: 2025
2. Elementary Education
Bishop Johnson School and College
 - 10th – 87%
 - 12th – 86 %

Skills

1. **Languages:**
Python, C, C++, Java, HTML, CSS, React
2. **Frameworks:**
Django, Django Rest Framework, Bootstrap, Pandas, NumPy, TensorFlow, Matplotlib
3. **PowerBI, SQL, Data Structure**

Experience

September 2021 - Current

Student, V.I.T Chennai, India

- Created customized applications to make critical predictions, automate reasoning and decisions and calculate optimization algorithms.
- Certified in Deep Learning by IIT Madras
- Collaborated with multi-disciplinary product development teams to identify performance improvement opportunities and integrate trained models.
 - High problem-solving ability, 4-star ranking in hackerrank
 - Completed Finlatics business analyst experience certification from 22-12-2022 to 28-2-2023

Project

School Management System

- Git hub- <https://github.com/Kaustubhd651/project.git>

Developing a concept-based machine learning model for ADHD prediction, which serves as the foundation for an ongoing research paper.

- Using the Deep Learning Algorithm To make the model by reading the part of the brain using a brain scan

Working on a weather forecasting model (Ongoing project)

Accomplished Business Analyst Projects:

1. Turnaround Strategy for a Technology Oriented Business
2. Data-Driven Feasibility Study for a Potential Business Setup
3. Data Visualization through Power BI

Github link- [Real-time data analysis and visualization for company sales in different countries](#)

Research Paper

- Published a Research paper on "Data compression algorithm combining Huffman coding, LZW algorithm, and dynamic programming. Achieved superior image compression ratios and optimized encoding/decoding efficiency. Results published in a reputable journal."

Extra-Curricular

- | | |
|-----------------------------------------|---------------------|
| 1. Cyscom cyber Security | July 2022 - Present |
| Web Dev And CTF , And Design Team | |
| SED Santariksh | July |
| 2. | 2022 - Present |
| Project Department | |
| Conducted Technical events in TenchoVit | |
| 3. Special Team Enthalpy | July 2022 - Present |
| Aerodynamic Department | |

Licenses & Certifications:

- Introduction to Packet Tracer - Cisco
- Finlatics BUSINESS ANALYST – Finlatics
With LOR in [Business Analyst](#) by Finlatics
- Supervised Machine Learning: Regression and Classification - Coursera
 - Certificate ID: NCHR5XV7GER4

Professional Experiences:

- Social Media Manager Intern - Shapeair
- Business Development Intern - DevTown
- Web Development Intern - DevTown

Education:

- Bootcamp on Machine Learning and Python - Microsoft Learn Student Ambassador

