

HIMANSHU

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Education

J.C Bose University of Science & Technology, YMCA

Sep. 2021 – Sep 2025

Bachelor of Technology in Computer Engg (specialization in data science)

Faridabad, Haryana

Relevant Coursework

- Data Structures
- Machine Learning
- OOPS
- Computer Networks
- Operating System
- Database Management
- Computer Architecture
- Algorithms Analysis

Projects

Chat Summarizer | *Python, Hugging Face*

May 2024

- Enhanced user experience by leading the development of ChatBrief with a FastAPI backend.
- Achieved a 50% reduction in time spent on reading long chats, boosting productivity by 25%.
- Optimized training and prediction pipelines, reducing model training time by 10%.
- Developed a FastAPI to facilitate interaction with the model, resulting in a 20% improvement in user accessibility and care.

EduVerse | *Vite, Express, MongoDB, Cloudinary, RazorPay*

December 2023

- Revolutionized online learning with EduVerse by creating a comprehensive platform that bridges the gap between educators and students.
- Designed backend and frontend solutions, optimizing database queries and enhancing user design, resulting in 10% faster API responses.
- Build a comprehensive admin dashboard for efficient course management.
- Integrated Razorpay payment gateway.

PlantCare | *Python, Tensorflow*

June 2023

- Implemented a CNN classifier that diagnosed plant leaf diseases with 90% accuracy.
- Boosted user engagement by offering 3 tailored remedies and multi-language support, enhancing accessibility and care by 60%.
- Reducing time for model training by 10% and increasing overall system efficiency by 20% through advanced algorithmic adjustments.
- Engineered a comprehensive Flask API to optimize model interactions, increasing user accessibility by 20% and improving customer satisfaction metrics by 30%.

Technical Skills

Languages: Python, C++, Java, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Git/GitHub, Postman, Google Collab

Libraries & Frameworks : NumPy, Pandas, Scikit-learn, OpenCV, NLTK, TensorFlow, Keras, ReactJS, NodeJS, Vite, Next, Express, TailwindCSS

Others : Content Writing, Public Speaking, Teamwork

Certifications

- Data Science- Physics Walla Skills
- Machine Learning- IBM

Achievements

- Secured the first rank in Concept To Code.
- Secured the 19th rank in PW Coding Contest.
- Secured the Third rank in Scratch Memory.
- Solved 500+ questions on platforms like LeetCode, GfG.
- 1660+ rating on [LeetCode](https://leetcode.com/).
- 1330+ rating on [CodeForces](https://codeforces.com/).

Leadership / Extracurricular

- Led the organizing team of the STM pre-placement talk attended by over 200 participants.
- Led and managed over 90 students in the placement cell.
- Assisted in 20+ on-campus placement activities, resulting in a 20% rise in employer satisfaction rates.