



DISHA JAIN
BT22CSE102
B.Tech -Computer Science and Engineering
Visvesvaraya National Institute of Technology

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EDUCATION

Degree/Course	Institute /Board	CGPA/Percentage	Year
B.Tech.Computer Science and Engineering	Visvesvaraya National Institute of Technology, Nagpur	8.57	2026
CLASS XII (CBSE)	Sri Sathya Sai Vidya Vihar	94.2	2021
CLASS X (CBSE)	Podar International School	97.4	2019

EXPERIENCE

- **Summer Analyst** | Citi Bank | Pune, Maharashtra
 - Automated configuration setup for a data reconciliation system to enhance traceability and ensure consistent monitoring of critical data elements.
 - Enabled detection of breaks in end-to-end data lineage, improving reliability and audit readiness of enterprise data pipelines

PROJECTS

- **DeepFake Detection** [[Github](#)] November 2024
 - Developed a deepfake detection system utilizing ResNeXt50 CNN for spatial feature extraction and LSTM for temporal analysis. Engineered a comprehensive pipeline for dataset preprocessing, model training, and real-time predictions using PyTorch. Optimized model performance, visualizing results with confusion matrices and heatmaps to ensure high accuracy.
 - Tools & technologies used: Python, Neural networks
- **StepSync** [[Github](#)] March 2024
 - Developed the B-tree based step tracking application, incorporating file handling, enabling users to establish goals, track daily steps, form groups, and earn rewards, fostering engagement and collaboration in fitness activities.
 - Tools & technologies used:C
- **Heap Management** [[Github](#)] February 2024
 - Developed an application featuring a custom memory allocation system using the First Fit algorithm, efficiently managing variable-sized memory blocks through linked lists and malloc/free functions.
 - Tools & technologies used: C
- **PastaGPT(LLM Chatbot)** [[Github](#)] December 2023
 - Developed the advanced Italian cuisine chatbot project, incorporating the GPT-3.5 architecture, Llama Module, and LangChain for personalized interactions and real-time culinary insights.
 - Tools & technologies used: Python,Llama-index,Langchain

TECHNICAL SKILLS

Programming: Python, C/C++,Data Structures and Algorithms, Object-Oriented Programming, HTML,CSS, MySQL, Javascript

Developer Tools: Git, GitHub, Linux

Coursework:

- CSL 303 Introduction to Object Oriented Methodology,CSE Department, VNIT
- CSL 309 Operating Systems, CSE Department, VNIT
- CSL 317 Computer Networks, CSE Department, VNIT

POSITIONS OF RESPONSIBILITY

- Head of Operations in S.H.E.L.L-The Hackers' Club of VNIT Sept 2023-May 2025
- Manager in the ACM Core Committee(Association for Computer Machinery) Aug 2024-Present
- Academic Affairs Secretary of CSE Department Council, VNIT Nagpur May 2024-May 2025
- Technical Secretary of CSE Second Year Department Council, VNIT Nagpur Aug 2023-May 2024

ACHIEVEMENTS

- Joint Entrance Examination 2022: Secured All India Rank 7427 in JEE MAINS