MADHURAM KULSHRESTHA

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TECHNICAL SKILLS: Backend Development | Machine Learning | NLP | PyTorch | Python | Java | C++ | Node.js | SQL | Express.js

EDUCATION

Bachelor of Technology in Computer Science
VIT Bhopal University, Sehore | CGPA: 9.06   ***September 2022 – Present***

Higher Secondary Education (12th)
Shanti Niketan Public School, Agra | Percentage: 91.2%   ***March 2021***

Secondary Education (10th)
St. Mary's Convent School, Agra | Percentage: 91.8%   ***March 2019***

PROFESSIONAL EXPERIENCE

Data Science Intern
Sabudh Foundation | January 2025 – Present
- Handpicked for the prestigious 14th batch of interns, working extensively on machine learning projects under the mentorship of seasoned industry professionals.
- Responsible for building and optimizing predictive models, performing data cleaning, and feature engineering to improve accuracy and efficiency.

Event Coordinator
BashCraft Club, VIT Bhopal | January 2024 – Present
- Directed a team of 8 to plan and execute events, including a Finance Hackathon sponsored by Zerodha.
- Organized and hosted a podcast featuring the CTO of Duggup, expanding audience engagement by 30%.

Sales and Marketing Intern
Semantics Cybernetics LLP | July 2023
- Engaged with prospective clients via calls, emails, and in-person meetings, enhancing client acquisition by 20%.
- Collaborated with technical teams to deliver tailored cybersecurity solutions, contributing to a 15% increase in customer satisfaction.

PROJECTS

Product Price Prediction and Recommendation Chatbot

- Designed and implemented a cutting-edge NLP model for seamless integration into a chatbot; enhanced product recommendation accuracy by 25% while reducing query response time to under 3 seconds for customer inquiries.
- Optimized the system for seamless integration, achieving a 20% improvement in prediction accuracy.
Technologies: Python, NLP, Render

Videotube - Video Streaming Platform

- Designed and implemented the backend for a YouTube-inspired platform, supporting features like video likes, comments, and playlists.
- Integrated Cloudinary for efficient media storage, reducing retrieval latency by 25%.
  Technologies: Node.js, Express.js, MongoDB, Cloudinary

HACKATHON EXPERIENCE

TCS CodeVita 2024 Qualifier

- Positioned in the top 5000 in TCS CodeVita 2024 Round 1 by designing efficient algorithms and optimizing code to solve complex problems under strict time constraints.
- Cleared Round 2 with an All India Rank of 671 out of 1200+ qualifiers, competing among 400,000+ candidates from 3500+ institutions, demonstrating strong problem-solving skills in advanced algorithms, data structures, and optimization.

Skill India Hackathon 2024

- Secured a top 50 position from 700+ submissions with innovative solutions, selected as internal finalists representing VIT Bhopal.

International Innovation Challenge 2024

- Ranked among the top 30 teams out of 800+ global participants in a 36-hour offline hackathon at Manipal University.

CO-CURRICULARS AND ACHIEVEMENTS

Coding Proficiency

- Achieved a 1262 rating on CodeChef by solving 290+ problems.
- Rated among the top 5% on GeeksforGeeks with over 200 problems solved.

Academic Excellence

- Earned a perfect 10 GPA during the Interim Semester 2023.