Adarsh Jaiswal

Roll No.: 23BAI10281
Bachelor of Technology
Computer Science (AI-ML)
Vellore Institute of Technology, Bhopal

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CAREER OBJECTIVES

Results-driven and detail-oriented B.Tech student in Artificial Intelligence and Machine Learning, seeking an internship or entry-level role to apply strong programming skills (C++, Python), knowledge in machine learning, computer vision, and full-stack web development. Eager to contribute to innovative projects while enhancing hands-on experience in software development and AI technologies.

EDUCATION

Degree	Institute	Board / University	CGPA/Percentage	Year of passing
B.Tech	Vellore Institute Of Technology, Bhopal	VIT Bhopal	7.86 (Till 2nd year)	2027
XII	Oxford Public School	CBSE	83.20%	2022
X	The Pillars Public School	CBSE	88.40%	2020

PROJECTS

- **WANDA – Human-like AI Companion**　　　　　　　　　*Feb 2025 – Present*
  Tech stack: Next.js, Node.js, Gemini API, MongoDB, Face Recognition, TTS
  – Designed and developed a lifelike AI chatbot capable of human-like conversations using Gemini API.
  – Implemented features like real-time voice response (TTS), system command execution, and web search.
  – Enabled secure user authentication with MongoDB and responsive UI using Next.js.
  – Integrated facial recognition to detect user emotions and enhance interactivity via a 3D avatar.

- **Sage – AI-Powered Travel Guide**　　　　　　　　　*2024*
  Tech stack: GPT-2, Flan-T5, JavaScript, HTML, CSS, Google Colab, Hugging Face
  – Built a conversational AI chatbot that generates travel itineraries and provides historical site info.
  – Fine-tuned GPT-2 and Flan-T5 on custom datasets, improving response quality by 35%.
  – Designed and optimized frontend UI, reducing page load time by 40% using native JS and clean CSS.
  – Deployed model using Google Colab and Hugging Face Spaces with ∼20 daily users during testing.

TECHNICAL SKILLS

- **Languages**: C++, Python, JavaScript, DSA (in C++)
- **Web Development**: HTML, CSS, Next.js, Node.js
- **Machine Learning / AI**: OpenCV, TensorFlow, ComputerVision,
- **Tools**: Git, GitHub, Jupyter Notebook
- **Operating Systems**: Windows, Linux
- **Industry Skills**: Cloud Computing
- **Coding Profile**: LeetCode (100+ Problems)
- **Soft Skills**: Teamwork, Communication, Leadership, Organization, Collaboration, Volunteering, Event Management

CERTIFICATIONS

- Machine Learning with Python – IBM
- Cloud Computing – NPTEL
- Deep Learning for Developers – Infosys
- Generative Models for Developers – Infosys
- Computer Vision 101 – Infosys
- Introduction to Deep Learning – Infosys

KEY COURSES TAKEN

- **Mathematics:** Discrete Mathematics and Graph Theory, Applied Linear Algebra, Probability, Statistics and Reliability
- **Programming and Systems:** Data Structures and Algorithms, Object-Oriented Programming with C++, Programming in Java, Computer Networks
- **Artificial Intelligence and Machine Learning:** Fundamentals of AI & Machine Learning

POSITIONS AND RESPONSIBILITIES

- **Co-Head**, VITRONIX CLUB, VIT- BHOPAL　　　　　　　*Feb 2025 - Present*
- **Core Member**, NSS, VIT- BHOPAL　　　　　　　　　*Sep 2024 - Present*