

Aksh Richhariya

Roll No.: btech/10590/22

Artificial Intelligence and Machine Learning

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🔄 GitHub Profile

🌐 LinkedIn Profile

SUMMARY

Aspiring AI and Machine Learning professional with a strong foundation in computer science and a passion for innovative technologies. Skilled in programming, problem-solving, and project management. Seeking opportunities to apply and expand knowledge in cutting-edge AI applications.

EDUCATION

•Birla Institute of Technology, Mesra

B.Tech in Artificial Intelligence and Machine Learning

2022 – 2026

CGPA: 7.67/10

•Vidya Niketan School, Bhopal

2021

Higher Secondary School (XII), CBSE Board

KEY COURSES TAKEN

•Computer Architecture and Organization

•Data Structures and Algorithms

•Design and Analysis of Algorithms

•Object-Oriented Programming and Design Patterns (OOPDP)

•Machine Learning Fundamentals

•Artificial Intelligence Principles

PERSONAL PROJECTS

•Todo App

A comprehensive task management application allowing users to create, update, and delete tasks. Features include task prioritization, categories, and notifications.

- Developed using HTML, CSS, and JavaScript for the front-end
- Implemented a RESTful API using Node.js and Express.js for the back-end
- Utilized MongoDB for efficient data storage and retrieval
- Implemented user authentication and data encryption for security
- Personally use the app to track progress and meet deadlines

•Calculator

A functional calculator application with basic arithmetic operations and advanced features like memory functions, percentage calculations, and unit conversions.

- Built using Python with a graphical user interface using Tkinter
- Implements error handling for invalid inputs and division by zero
- Includes unit conversion functionality for common measurements
- Developed a responsive design for various screen sizes

SKILLS

• Programming Languages: C++, C, Python, JavaScript

• Web Technologies: HTML, CSS, Node.js, Express.js, RESTful APIs

• Databases: MongoDB, SQL

• Tools & Technologies: Git, Linux, Visual Studio Code, Jupyter Notebook

• Soft Skills: Leadership, Active Communication, Teamwork, Problem-solving, Time Management

POSITIONS OF RESPONSIBILITY

•Sponsorship Head, Robolution, BIT Mesra

2023 – Present

- Led a team of 5 members to secure sponsorships for Robolution events, increasing funding by 30%
- Organized and managed 3 major technical events, each attended by over 200 participants
- Developed and implemented a new sponsorship outreach strategy, resulting in 5 new corporate partnerships
- Coordinated with cross-functional teams to ensure smooth execution of events and workshops
- Created and maintained a database of sponsors and potential partners for future collaborations
- Presented event proposals and budget reports to the college administration and sponsors