Ashutosh Mishra

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SUMMARY

Dedicated pre-final year CSE student at BIT MESRA with a strong academic background, consistently achieving high scores. Hailing from Ranchi, Jharkhand, I am passionate about exploring new technologies and find joy in coding. Proficient in Python, C++, and JavaScript, with familiarity with Java basics. Skilled in web development technologies including CSS, HTML, JavaScript, React, Node.js, Express, and SQL.

Currently exploring machine learning (ML). I am eager to contribute to the tech community by sharing knowledge and promoting learning through innovative projects.

TECHNICAL SKILLS

Programming Languages: Python, C++, SQL, Javascript

Deep Learning Frameworks: Keras

Libraries & Tools: NumPy, Pandas, Scikit-learn, OpenCV, React, Git, Express, Socket.io, Node.js

PROJECTS

Face Mask Detection   June 2024 – Present
Tech Stack: *Python, Keras, OpenCV*
- Developed a mask detection system using Python, Keras, and OpenCV to enhance public health safety.
- Trained a neural network model to accurately detect face masks in real-time.
- Implemented the system with live video feed processing for immediate feedback and alerts.

Chess Game   May 2024 – June 2024
Tech Stack: *Express, Socket.io, JavaScript, EJS*
- Developed a chess game with multiplayer functionality for real-time user matches.
- Integrated a single-player mode allowing users to challenge the Stockfish engine with adjustable difficulty levels.
- Utilized Express, Socket.io, JavaScript, and EJS for a seamless and interactive gaming experience.

POSITION OF RESPONSIBILTY

Web Master Finance Club   June 2024 – Aug 2025
Birla Institute of Technology   *Mesra, JH*
Key Skills: Web Development, Leadership

- Maintained and updated finance club websites, ensuring content accuracy and functionality.
- Created event-specific websites, leading a team of developers and mentoring peers in web development.
- Leveraged technology to enhance club engagement and communication, driving increased member participation.

Coordinator Student Alumni Relation Cell (SARC)   Aug 2023 – May 2026
Birla Institute of Technology   *Mesra, JH*
- Coordinated events and initiatives to strengthen relationships between current students and alumni, fostering a supportive community network.

EDUCATION

Birla Institute Of Technology   Mesra, Ranchi
B.Tech. in Computer Science and Engineering, CGPA - 8   *Aug 2022 – May 2026*

Delhi Public School   Ranchi, JH
12th Boards - 95   *Aug 2021 – May 2022*

Kairali School   Ranchi, JH
10th Boards - 97.84   *Aug 2019 – May 2020*