

Aayush Kumar

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Introduction — B.E. graduate in Artificial Intelligence and Data Science with strong expertise in full-stack development and machine learning. Demonstrated excellence through impactful projects, internships, and top performances in national-level hackathons and tech contests.

Skills

Languages: Python, C++ , Java, C, JavaScript

Frontend: React.js, React Native, Bootstrap

Backend: Node.js, Express.js, REST APIs

Databases: MySQL

Version Control: Git, GitHub

Hardware & IoT: Arduino IDE, IR Sensors, QGIS

Experience

AuxPlutes Tech

October 2024 – January 2025

Software Engineer Intern

Roles and Responsibilities:

- Developed a responsive React Native app with interactive UI, improving user engagement by 25%.
- Integrated AI/ML models, enhancing decision-making speed and accuracy by 30%.
- Incorporated third-party APIs and libraries, reducing development time by 20% and boosting feature richness.
- Implemented React Router for seamless navigation, increasing app usability and navigation efficiency by 40%.

EBTS Organization

July 2024 – August 2024

Machine Learning Intern

Roles and Responsibilities:

- Trained and optimized 5+ ML models, enabling data-driven insights and improving prediction accuracy by 25%.
- Led and communicated training sessions for 5 team members, integrating these models into daily operations with a 20% improvement in decision-making efficiency.
- Diagnosed and rectified 15+ code errors weekly, guaranteeing uninterrupted algorithm functionality; enabled developers to concentrate on complex model enhancements and innovative solutions.
- Pioneered innovative solutions, enhancing machine learning processes and boosting overall project efficiency by 15%.

Education

CMR Institute of Technology, Bengaluru

December 2021 - July 2025

Bachelor of Engineering in Artificial Intelligence and Data Science

CGPA : 9.15

Certifications: C (Coursera), Web Development (Udemy), Python for Data Science (Udemy), Blender (Udemy)

Projects

Geo Guide bot

[Github Repo](#)

- Innovated a cutting-edge surveillance system with OpenCV and machine learning; deployed drone technology for event classification and live bot tracking, achieving a 35% improvement in operational efficiency and coverage.

Agentic Sales Assistant

[Video Demo](#)

- Led a team to build a sales platform with smart AI agent redirection, personalized recommendations, and secure seller videos. Integrated LLM-based chat support, auto-filled forms from call data, and a real-time analytics dashboard.

AI Talent & Recovery Hub

[Project Link](#)

- Built an AI-driven platform for skill extraction, project matching, talent recommendation, and lost item recovery using NLP, CV, and NLG. Developed with Flask and React, integrating RAG, ML models, and scraping tools for automation.

Achievements

- Selected for the final stage of Smart India Hackathon (SIH) 2024, showcasing an AI-powered solution.
- Secured 1st place in Technovation-2024, a college-level innovation contest hosted by the AIDS department at CMRIT.
- Achieved 2nd position in TEXPLORE-2024, an inter-college tech competition organized by IEEE for engineering innovations.
- Advanced to the semifinals of EYSS-2022, a national-level innovation challenge conducted by the Govt. of Karnataka.
- Qualified for Stage-2 in eYRC 2023, conducted by IIT Bombay, competing among 2000+ national teams.
- Led a team to the top 25 out of 300+ in GEN AI HackFest 2025, showcasing strong coordination and communication.