

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

Sagility Healthcare

July 2025 – Present

Associate Software Engineer

Roles and Responsibilities:

- Developing a Generative AI product using NLP to assess agent performance, improving evaluation accuracy by 30%.
- Optimizing models and workflows, enabling 25% faster insights and boosting overall operational efficiency.

AuxPlutes Tech

October 2024 – March 2025

Software Engineer Intern

Roles and Responsibilities:

- Developed a responsive React Native app with AI/ML integration, boosting engagement by 25% and decision-making accuracy by 30%.
- Incorporated APIs, libraries, and React Router, reducing development time by 20% and enhancing usability by 40%.

EBTS Organization

July 2024 – August 2024

Machine Learning Intern

Roles and Responsibilities:

- Trained and optimized 5+ ML models, boosting prediction accuracy by 25% and improving project efficiency by 15%.
- Led team training sessions and resolved 15+ code issues weekly, enhancing decision-making efficiency by 20%.

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.
- Secured a spot in the top 25 out of 300+ teams in GEN AI HackFest 2025 hosted by HappyFox.