AAYUSH KUMAR

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CAREER OBJECTIVE

Dynamic and driven Bachelor of Engineering graduate from CMR Institute of Technology, specializing in Artificial Intelligence and Data Science, seeking a challenging role where I can leverage my strong analytical skills and passion for innovation. Committed to continuous learning and professional growth, drive efficiency, and create value in a dynamic and collaborative environment.

EDUCATION QUALIFICATION

- **Bachelors of Engineering – Artificial Intelligence and Data Science Engineering**
  CMR Institute of Technology, Bengaluru
  9.03 CGPA, 2025(Pursuing)
- **12th Grade – Science**
  Central Academy, Kota, Rajasthan
  79.6%, 2021
- **10th Grade**
  Excellent Public School, Lokapur
  91%, 2019

TECHNICAL SKILLS

Languages: Python, C++, Java (Intermediate), C (Intermediate), Arduino IDE (basic)

Software: ROS, Eclipse, Solid-Edge, VS Code, PyCharm, Arduino IDE.

Skills: Frontend: React Native, React.js, HTML5, CSS3, JavaScript, Bootstrap| **Backend:** Node.js, Express.js, REST APIs | **Databases:** MySQL | **Version Control**: Git, GitHub| **Other:** Axios, React Router, Postman, NPM

PROJECTS

- **Title:** Geo Guide bot
  Description: 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.
  Tools used: Arduino IDE, QGIS, VS code
  Learning Outcome: Learnt IR sensors, Arduino IDE language, QGIS software, hardware components.
- **Title**: Blockchain based e-Vault:
  Description: Engineered a blockchain-based e-Vault for secure document storage leveraging IPFS and Ethereum smart contracts; prioritized gas fee reduction and authorization management, enhancing efficiency by 40% and security by 30%.
  Tools used: IPFS, Ethereum, Smart-contract.
  Learning Outcome: Learned the use of integration of IPFS and Ethereum.
- **Title**: Blogging Website:
  Description: Engineered a feature-rich blogging platform with JavaScript; facilitated user interaction by integrating add/delete blog functionality and video uploads, leading to a 40% rise in user- generated content.
  Tools used: Tech stack Java Script, Node JS
  Learning Outcome: Developed an understanding of building a blogging website using Java Script.

INTERNSHIPS

- AuxPlutes Tech
  Duration: Oct, 2024 – Jan, 2025
  Designation: AI Engineer Intern
  Roles & Responsibilities:
  - Developing responsive user interfaces using React.js. Also using React Native for app development.
  - Integrating AI/ML models to improve system intelligence and decision-making.
  - Utilizing React Router for efficient navigation and dynamic routing.

- EBTS Organization
  Duration: July, 2024 – Aug, 2024
  Designation: Machine Learning Intern
  Roles & Responsibilities:
  o Developed projects based on supervised learning, SVM

CO-CURRICULAR ACTIVITIES & EXTRA CURRICULAR ACTIVITIES

Co-Curricular Activities

- **Seminars:** Attended a webinar on topic "Configuration of Cyber Security" organized by CMRIT.
- **Online Courses:**
  o Blender from Udemy
  o Cyber Security from Skill Learn
- **Certifications:**
  o C (Coursera)
  o Web Development (Udemy)
  o Python for Data Science (Udemy)
- **Industrial Visits:** Visited HAL in the year 2023
- **Hackathons:** Participated in following Hackathons:
  o SBI Hack-AI-Thon in 2025
  o SIH in 2024
  o MANTHAN organized by FKCCI
  o EYSS in 2022
  o SIH in 2023
  o eYRC in 2023.

Extra – Curricular Activities:

- **Sports:** Participated in Chess and Table Tennis in Spardha Sports Fest 2022.

AWARDS & ACHIEVEMENTS

- Qualified for final stage in SIH 2024.
- Won 1st place in inter college Technovation-2024 contest conducted by AIDS department.
- Won 2nd place in inter college TEXPLORE-2024 contest conducted by IEEE.
- Reached Semifinals in EYSS in 2022.
- Qualified for the second stage in eYRC in 2023 conducted by IIT, Bombay.

PERSONAL DETAILS

Date of Birth	: 22/05/2003
Gender	: Male
Nationality	: Indian
Permanent Address	: Plot no.62, Bari Co-operative Colony, Bokaro Steel City, Jharkhand - 827010
Languages Known	: English, Hindi, Kannada
Hobbies	: Playing Chess, Badminton

REFERENCE

Name: Dr. Shanthi M B
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