Aryan Pratap Singh

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EDUCATION

KIET Group of Institutions - Delhi NCR, Ghaziabad, Uttar Pradesh, India   *November 2021- Present*
Bachelor of Technology in Computer Science and Information Technology
CGPA: 8.004/10

Range Hills Public School, Aligarh, Uttar Pradesh, India   *April 2021*
XII, CBSE, Percentage: 92

Range Hills Public School, Aligarh, Uttar Pradesh, India   *April 2019*
X, CBSE, Percentage: 87.6

WORK EXPERIENCE

Cisco Networking Academy   *May 2023 – July 2023*
Internship in Cyber Security
- Analyzed college's network topology, mapped it using Cisco Packet Tracer, identified
  security controls, conducted attack surface mapping, and proposed risk-mitigation strategies.

AICTE Internship– Ernst & Young GDS   *February 2024 – April 2024*
Internship in Web Development
- Developed a web application utilizing the MERN stack, centered around a Bus Reservation System.
  Employing my expertise in frontend and backend development, aimed to enrich user experience and
  simplify the reservation process, ultimately enhancing accessibility and operational efficiency in bus booking.

PROJECTS

SAFE SEARCH – FINDING MISSING PERSON   *June 2023 – Present*
MERN Stack & Deep Learning

- Developing a MERN-based web application integrating deep learning architecture for real-time analysis of CCTV footage to aid in locating missing persons.

- Implementing a sophisticated system where users can upload a photo of a missing person, triggering automatic processing of both archived and live footage.

- Orchestrate seamless communication between the application and law enforcement by enabling instant notifications upon locating the missing individual, optimizing search efforts.

BUS RESERVATION SYSTEM   *January 2024 – March 2024*
MERN Stack
- Developed a web-based Bus Reservation System enabling users to seamlessly reserve and book buses for travel, ensuring efficient and hassle-free transportation management.
- Engineered an intuitive interface for easy bus reservation and booking, enhancing user experience and facilitating smooth travel arrangements.

BOOKIVERSE – E-BOOKSTORE   *November 2022 – January 2023*
MERN Stack
- Developed a MERN stack web application featuring a bookstore offering a diverse selection of books across all genres. Implemented functionality allowing users to access books based on whether they are available for free or require payment.
- Orchestrated the creation of a user-friendly interface where users can seamlessly browse and read books.

SKILLS

Languages:	JAVA, C, Python
Expertise Area:	DBMS, OOPs, SQL, Computer Networks, Operating System, Software Engineering
Technologies/Frameworks:	HTML, Tailwind CSS, JavaScript, React.js, Node.js, Express.js, MongoDB

CERTIFICATIONS & TRAININGS

- Full-Stack Web Developer **[Linkedin Learning]**   *August 2023*
- Introduction to Cyber Security **[CISCO Netacad]**   *May 2023*
- PCAP: Programnming Essentials in Python **[CISCO Netacad]**   *April 2023*
- Python Developer **[Udemy]**   *September 2022*
- AWS Academy Cloud Foundations **[AWS Academy]**   *February 2022*

CO-CURRICULAR ACTIVITIES

- Secured 5th Position in Departmental Project Exhibition**[PROJECT WAR]**   *January 2023*
- Secured 4th Position in Departmental Exhibition **[INNOTECH]**   *November 2022*