Ayush Jain

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EDUCATION

Manipal University Jaipur, Rajasthan   **August 2022 - Present**
Bachelor of Technology, Computer Science Engineering (Core)   Jaipur, Rajasthan
- CGPA : 9.09

Delhi Public School, Mathura Road, New Delhi   **March 2021 - June 2022**
12th Grade, PCM + Computer Science   Faridabad, Haryana
- Percentage : 90.4%

Delhi Public School, Faridabad   **April 2019 - March 2020**
10th Grade, PCM   Faridabad, Haryana
- Percentage : 95%

EXPERIENCE

IndianOil R&D, Faridabad   **June 2024**
Summer Intern   Faridabad, Haryana
- Engineered a faster website, resulting in a 40% reduction in page load times and a 25% increase in user engagement; ensured all server-side data handling adhered to best practices.

PROJECTS

Instrumented Pipeline Inspection Gauge Visualization System   **June 2024**
Website Developer Intern   Faridabad, Haryana
- Designed and implemented a web application for visualizing and analyzing hardware data extracted from binary (.BIN) files.
- Integrated interactive libraries (plotly.js, Recharts) to enable user-friendly data interaction, leading to 95% employee approval rating.
- Optimized existing data viewing implementation, reducing overall loading time by 30%.

IRIS - Intelligent Retinal Imaging System   **November 2024 - Present**
Co-Developer   Remote
- Developing an AI-powered mobile app for retinal image classification, detecting eye diseases like conjunctivitis.
- Optimizing image classification using Vision Transformers, improving accuracy and efficiency.
- Investigating cloud and on-device (TensorFlow Lite) deployment strategies.
- Contributing to a research paper on Vision Transformers for mobile image classification, focusing on real-time performance.

SKILLS

Programming	C#, C++, Python, TensorFlow, Flutter, React
Software & Tools	Git, MS Office, LaTeX
Personal	Critical Thinking, Adaptability, Results Oriented

ACADEMIC ACHIEVEMENTS

- Dean's List 2023 by Manipal University Jaipur for Cumulative Grade Point Average of 9.79 in 1st Academic Year.

- Dean's List 2024 by Manipal University Jaipur for Cumulative Grade Point Average of 9.33 in 2nd Academic Year.