

ANSHUL JAIN

Computer and Communication Engineering Student

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Education

Manipal University Jaipur

B.Tech in Computer and Communication Engineering, CGPA: 9.86

Sep. 2022 – Aug. 2026

Rajasthan, India

Salwan Public School

Higher Secondary Certificate (12th Grade), Percentage: 90%

2021 – 2022

Gurgaon, Haryana

Salwan Public School

Secondary School Certificate (10th Grade), Percentage: 94%

2019 – 2020

Gurgaon, Haryana

Experience

Siemens Digital Industries Software

Technical Intern - GUI Development

Mar. 2025 – Sep. 2025

Bengaluru, India

- Developed and optimized SVG rendering system for industrial HMI using Qt 6.8 and Qt 5 frameworks.
- Delivered performance benchmarking and comparative analysis reports to senior engineers.
- Collaborated with cross-functional teams to ensure renderer compatibility with PLC hardware.
- Improved rendering efficiency through strategic code optimizations.

College of Aviation Technology

Research Intern

Jun. 2024 – Jul. 2024

Dhaka, Bangladesh

- Researched fiber-optic communication systems and network technologies.
- Built prototype web app for urban air mobility solutions showcasing full-stack capabilities.
- Collaborated internationally on emerging aviation tech and presented results to stakeholders.

Acuvre Consulting

Business Solutions Intern

Jun. 2024 – Jul. 2024

Bengaluru, India

- Analyzed business problems and proposed data-driven solutions for client projects.
- Enhanced analytical and teamwork skills in a fast-paced consulting environment.
- Proposed strategic recommendations that boosted client efficiency and process flows.

Projects

NewsInsight - AI-Powered News Analysis Platform — Python, LangChain, Streamlit, OpenAI

2025

- Built intelligent LLM-based system for article summarization and sentiment analysis.
- Implemented multi-agent pipeline for real-time categorization and bias detection.
- Developed Streamlit dashboard for natural language queries and news trend visualization.

GPS Attendance Tracking System — React, Node.js, MongoDB, Express

2024

- Built location-verified attendance system using Haversine formula for tracking.
- Created admin dashboard with real-time status and detailed reporting.
- Implemented RESTful APIs with MongoDB backend for seamless data ops.

MegaBlog - Full-Stack Blog Platform — React, Appwrite, TinyMCE, Redux

2025

- Developed blogging platform with rich-text editing, auth, and content management.
- Integrated Appwrite with JWT and RBAC for secure backend services.
- Used TinyMCE for advanced editing, media embedding, and real-time updates.

Braille Document Converter — Python, ML, OCR |

Oct. 2023 – Jan. 2024

- Automated document-to-Braille conversion pipeline for accessibility.
- Used OCR and LLMs for accurate extraction and translation.
- Showcased innovation in assistive tech and inclusive design.

Technical Skills

Languages: C++, Python, Java, JavaScript, SQL, QML
AI/ML: LangChain, OpenAI API, PyTorch, Scikit-learn, NLP, ML
Web Dev: React.js, Node.js, Express.js, HTML5, CSS3, Redux, Streamlit
Backend/DBs: MongoDB, MySQL, Appwrite, REST APIs, Vector DBs
Tools: Qt Creator, Qt Framework, IntelliJ IDEA, Git, Jupyter, SQL Workbench
Specialized: GUI Dev, DSP, Data Science, Performance Tuning
Certifications: Java SE 8, C Programming, ML and Data Science

Leadership and Achievements

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| Dean’s List Excellence Award - 6 Consecutive Semesters <i>Top Academic Performance</i> | 2022 – 2025 <i>Manipal University Jaipur</i> |
| Top 10 Finalist - MUJHACKX Hackathon <i>University Technical Hackathon</i> | Aug. 2024 <i>Manipal University Jaipur</i> |
| DSA Problem Solving - 250+ Problems <i>LeetCode, Coding Ninjas, GfG</i> | 2023 – 2025 |