Aman Jain

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GITHUB || LINKED IN || LEETCODE || PORTFOLIO

EDUCATION

B.Tech(Software Engineering)	2023-2027	Delhi Technological University, New Delhi	9.28
CBSE (Class XII)	2022	RPVV, Gandhi Nagar, Delhi-31	94.4%
CBSE (Class X)	2020	RSBV, Gandhi Nagar, Delhi-31	94.6%

INTERNSHIPS

SDE Intern | Microsoft   **(Upcoming) May 2026 – July 2026**
- Selected for Software Engineering Internship at Microsoft through the on-campus recruitment process.

Graphic Design and Teaching Intern | 15forTeen Education Platform   **December 2024 – October 2025**
- Delivered 10+ lectures on Computer Networks, Digital Electronics, and Programming in C for IPU college students.
- Designed 50+ engaging visual learning materials and presentations using Adobe Creative Suite and Canva.

ML Research Intern | Machine Learning Research Lab, DTU   **June 2025 – August 2025**
- Conducted advanced research on action recognition in low-light environments on datasets ARIDv1.5 and ELLAR.
- Experimented and evaluated with 4+ state-of-the-art models for low-light image and video enhancement, including Dark Light, Zero-DCE, HVI-CIDNet, and DGAM.

ACADEMIC PROJECTS

U&I Chat – Realtime Chat Application | LINK | MongoDB, Express.js, React.js, Node.js, Socket.io
- Architected a MERN-based real-time chat application using Socket.io for instant messaging, React.js for frontend UI, and Node.js, Express backend, achieving <200ms message delivery latency.
- Implemented secure user authentication with personalized message history and upload image feature(<50KB).

Snap Bucket – Grocery App| LINK | React.js, Express.js, MongoDB, JWT, Tailwind CSS
- Crafted a full-stack grocery web application using the MERN stack, featuring 10+ functionalities such as login, product listing, real-time search filtering, order placement, and address handling.
- Prototyped secure login with JWT-based authentication and cookie-based session management for 100% protected user sessions, integrated with MongoDB Atlas and Render for deployment.

Twitter Sentiment Analysis | LINK | Python, Pandas, Scikit-learn, NLTK, Streamlit
- Built a sentiment classification model with 80%+ accuracy by NLTK & Scikit-learn on a dataset of 1.6M tweets.
- Engineered a data pipeline to stream live tweets via the Twitter API v2 with Bearer Token authentication to capture 100 tweets per minute, providing insights to identify the top 5 emerging positive/negative tweets of users - [DEMO].
- Benchmarked 4 ML models (Logistic Regression, XGBoost, SVM, Naive Bayes) and deployed a Streamlit dashboard.

ACADEMIC ACHIVEMENTS

- Demonstrated strong academic excellence with a consistent 9+ CGPA over 4 consecutive semesters.
- Earned OCI AI Foundations Associate certification from Oracle University, demonstrating proficiency in AI concepts.
- Solved over 800+ problems across Leetcode, CodeChef, Codeforces and GeeksforGeeks.
- Finalist for the offline round among the top 20 out of 500+ teams in Code with DCG Hackathon – [PROJECT LINK].

TECHNICAL SKILLS

Languages	Frameworks/Libraries	Tools	Coursework
Python, C/C++, Java, JavaScript, HTML, SQL	Pandas, NumPy, Tailwind CSS, MERN, Matplotlib, Scikit-Learn	Git, Colab, Jupyter, Postman, SonarQube, SciTools, Lighthouse	DSA, CN, DBMS, OOPs, OS, TOC

POSITION OF RESPONSIBILITY

- Corporate Head, LFC Cultural Fest Society, DTU – Spearheaded sponsorship acquisition by initiating corporate relationships, negotiating deals and led a team of executives for the fest Yuvaan.
- Orchestrated logistics at major hackathons including Character On Road and Smart India Hackathon at DTU managing 400+ participants to ensure seamless event execution.