

# Aarushi Kumar

Fourth Year Undergraduate

School of Computer Science and Engineering (with Specialization in Health Informatics)

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## ACADEMIC QUALIFICATIONS

Year	Qualification	Institute	CGPA
2022 - 2026	B. Tech	Vellore Institute of Technology	7.7/10
2020	CBSE (XII)	Delhi Public School, Greater Noida	9.3/10
2018	CBSE (X)	Delhi Public School, Greater Noida	9.0/10

## WORK EXPERIENCE

### Project Manager Intern | Pehchaan Foundation

(May'25 – Aug'25)

- Assisted in the planning and execution of multiple projects, ensuring tasks were completed on time.
- Helped identify workflow inefficiencies and proposed solutions to improve team productivity.
- Collaborated with cross-functional teams and prepared status reports to keep stakeholders informed of project progress.

## KEY PROJECTS

(\*Ongoing)

### Airbnb Clone: Full-Stack Web Development \*

- Developing a dynamic and responsive web application using React.js and Tailwind CSS to make a rental platform.
- Implementing a scalable frontend architecture capable of integrating with a Firebase backend for real-time data handling.
- Technologies Used: React.js, Tailwind CSS, Firebase, Node.js/Express.js.

### Strategize.ai: Front-End Web Development

(Aug'25 – Sep'25)

- Developed a web application that provides data-driven solutions to business problems, demonstrating strategic analysis and problem-solving skills.
- Managed the end-to-end development of a personal project, from design to public deployment, showcasing a foundational understanding of the project lifecycle.
- Technologies Used: HTML, Tailwind CSS, JavaScript, and integrated an AI API to automate complex analysis.

### HealthCare Fraud Detection: Research Paper

(Oct'24 – Dec'24)

- The research paper details how data analytics and machine learning are used to detect fraudulent healthcare claims by identifying patterns in financial data.

### Starbucks Growth & Loyalty Strategy for Indian Young Professionals

(Jul'24 – Sep'24)

- Conducted a thorough analysis of the Indian coffee market, identifying key growth drivers like urbanization and rising incomes, and performed a SWOT analysis for Starbucks.
- Proposed new product portfolio with concepts to address the identified market gaps and customer pain points.

### Breast Cancer Prediction Model: ML Powered Prediction Model

(Jan'24 – May'24)

- Developed a machine learning model to support early breast cancer detection, utilizing patient and public datasets.
- Engineered data pipelines for data cleaning, preprocessing, and feature selection to ensure model accuracy.
- Technologies Used: Python, Pandas, NumPy, Scikit-learn.

## TECHNICAL SKILLS

Programming Languages	Software and Libraries	Utilities
Java, Python	NumPy, Pandas, Matplotlib, Scikit-Learn, TensorFlow, Seaborn,	Canva, SQL, Jira, Jupyter Notebook, Power BI, MS Excel, Visual Studio Code, Data Structures

## RELEVANT CERTIFICATIONS

- AI for Software Development, IBM
- AWS Solution Architect, Ethnus
- Project Management, Google

(Aug 2025)

(Apr 2025)

(May 2025)

## POSITIONS OF RESPONSIBILITY

### Core Member | Igniters Club (Design Team)

(Jul'24 - Present)

- Create engaging social media content, reels, and posts to increase the association's presence and promote its events.
- Key contributor to the team's creative brainstorming sessions, providing ideas for new content formats and campaigns.
- Manage the association's social media handles and plan a social media content calendar for consistent and strategic posting.

## EXTRA-CURRICULAR ACTIVITIES

Social	<ul style="list-style-type: none"><li>- Volunteered in organizing the Health-O-Tech Hackathon organized by VIT Bhopal University.</li></ul>
Competitions	<ul style="list-style-type: none"><li>- Winner of AdVITya Girl's Cricket Tournament, 2022.</li><li>- Shortlisted among 220 teams from VIT Bhopal for MP Police Cybersecurity Hackathon.</li></ul>