



# Aryan Rohilla

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## Profile Summary

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- Graduated with a B.Tech in Computer Science and Engineering from IIT Delhi.
- Strong knowledge of data structures and problem-solving, along with skills in web development, AI/ML, and full-stack engineering, backed by hands-on experience in projects and internships.

## Technical Skills

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**Languages:** C/C++, Java, Python, SQL (MySQL), JavaScript

**Frontend Frameworks:** React.js, Material-UI

**Backend Frameworks:** Node.js, RestAPI

**Databases:** MongoDB, MySQL

**Concepts:** Data Structures, Algorithms, OOP, OS, Computer Networks, Information Retrieval

## Education

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### IIT Delhi

Bachelor of Technology in Computer Science and Engineering  
Delhi, IN

Dec 2021 – May 2025(Expected)

## Experience

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### Iffort

Noida, IN

*Technologies used: Python, Vapi AI, Twilio, Google Cloud, Retell AI, Flask API, WebSocket*

### AI/ML Intern

May 2024 – July 2024

- Created an AI-driven voice agent capable of multilingual interviews, cutting down interview scheduling time by 45%.
- Launched a real estate AI assistant, leading to a 30% increase in property viewings and a 20% rise in closed deals.

### CloudLabs

New Delhi, IN

*Technologies used: Django, REST APIs*

### Software Developer Intern

Aug 2023 – Dec 2023

- Implemented secure authentication for Zedboard live streaming, reducing security incidents by 40%.
- Enabled slot limit resets for students and courses, saving 50+ hours monthly in administrative tasks.

## Projects

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### Tank Stars Game - Advanced Programming

*LibGDX, Java*

[Github-Link](#)

- Developed an interactive 1V1 game, Tank Stars, in Java using LibGDX, applying Object-Oriented Programming principles.
- Designed UML and Use Case diagrams for effective implementation and system design.

### Flash Cars - Database Management System

*MySQL, React.js, Next.js, HTML, JavaScript, Spring Boot, GraphQL*

[Github-Link](#)

- Created a web application to streamline the transportation booking process using DBMS concepts.
- Implemented secure and efficient data handling mechanisms for optimized performance.

### Raft Application

*Python, gRPC, Google Cloud, Git*

[Github-Link](#)

- Developed a fault-tolerant, geo-distributed key-value store with leader lease optimization, reducing read latency by 25% across 5 regional clusters.

- Ensured strong consistency and robust log replication, achieving 99.9% reliability for data storage and retrieval in simulated high-load environments.

### **E-commerce Web App**

[Github-Link](#)

*React.js, Next.js, Redux, Firebase, Tailwind CSS, Node.js, Express.js*

- Developed a responsive e-commerce web application with Firebase authentication, securing 100% of user data and preventing breaches during penetration testing.
- Integrated product management and category filtering, increasing user navigation efficiency by 30% and driving a 15% boost in average user session time.

### **Achievements**

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- Got selected as a member of GDSC-IIITD in the first semester.
- Organized a Chess tournament during the summer break.