

# Aryan Sharma

+91 9643977507 | aryan21454@gmail.com | LinkedIn | Github | Leetcode

## EDUCATION

### Indraprastha Institute of Information Technology (IIITD)

Bachelor of Technology - Computer Science and Bioscience

Delhi, India

Jan 2021 – June 2025

## EXPERIENCE

### AWIROS

Software Development Engineer 1

Gurugram

Jun 2025 – Present

- **UI Revamp & Platform Stabilization:** Resolved 100+ bugs and implemented complete Figma-to-code responsive flows under a tight 1-month PoC deadline, improving platform stability and reducing tester-reported UI issues.
- **Bulk Upload, Migration & Session Handling:** Engineered a large-scale ingestion system supporting 1M+ face & vehicle records with session persistence, resume-safe ZIP/CSV uploads, and real-time progress tracking—cutting failures and manual migration work.
- **Traffic Dashboard & Challan Workflow:** Enhanced analytics dashboards with violation, challan, and revenue insights; built a semi-automated challan workflow where officers verify violations and the system auto-processes fines and updates.
- **Vehicle Search & Evidence Retrieval:** Built a premium number-plate search handling thousands of queries/month, enabling instant retrieval of violation history with attached evidence.
- **RBAC System Integration:** Integrated platform-wide RBAC across frontend and backend, standardizing authorization and reducing permission-related issues.
- **Tools & Technologies:** Node.js, Angular, Express, React, MongoDB, REST APIs, Chart.js, Docker, Kubernetes.

### EL-FI HOMES

Software Developer Intern

Remote

Oct 2023 – Dec 2023

- **Responsive & SEO-Optimized Web App:** Built a Next.js + Tailwind app increasing monthly visitors by 1500+ through SEO improvements.
- **Streamlined Admin Panel & API Integration:** Built an admin dashboard for blogs and customer management, integrating REST APIs and Google APIs for solar analysis.
- **Automated Cost-Benefit Analysis:** Created tools for personalized solar panel savings and ROI estimation.
- **Tools & Technologies:** Next.js, Node.js, MongoDB, Express.

## PROJECTS

### Vid.io | *React, ShadCN, LangChain, Qdrant, Redis/BullMQ, Python* | [GitHub](#)

- Built an interactive RAG chatbot where users upload YouTube links and query video content using chunked transcripts and vector search.
- Implemented a Python microservice for embeddings and used Redis/BullMQ for asynchronous job processing.

### Visura — AI Video Generator | *React, Express, FastAPI, Redis, Node.js* | [GitHub](#)

- Developed a full-stack AI video generator with a FastAPI model service and Redis queues for async video creation.
- Implemented secure prompt submission, job tracking, and a responsive UI for real-time generation states.

### Traffic Management System Dashboard | *React, Node, Express, Chart.js*

- Developed dashboards visualizing violations, challans, and revenue trends through interactive charts and modular APIs.
- Built a semi-automated challan workflow and a number-plate search tool to retrieve violation history with evidence.

## TECHNICAL SKILLS

**Languages:** C, C++, Python, Java, JavaScript, TypeScript, SQL

**Frameworks:** Next.js, Angular, Node.js, Express, Tailwind CSS, LangChain

**Libraries:** React, Redux, Chart.js

**Tools & Technologies:** Redis, Git, MySQL, PostgreSQL, MongoDB, Docker, Postman, REST APIs