

# Harsh

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## EDUCATION

### Maharaja Agrasen Institute of Technology

Bachelor of Technology in Information Technology (GPA: 8.6)

New Delhi, India

2024 – 2028

## EXPERIENCE

### Developer – CampusMart

August 2025 – Present

MAIT's Student Marketplace

- Developed and optimized the assignment feature on CampusMart, ensuring efficient academic support for MAIT students.
- Played an active role in expanding the platform's reach to other GGSIPU colleges, broadening its user base and impact.
- Improved user experience and backend reliability.

## PROJECTS

### Nyagrik | A Legal-Tech platform

[Live link](#)

- Architected and led the development of the platform's full tech stack using Next.js, Node.js, and MongoDB.
- Led the development of an AI-based case summary generator, improving legal case processing efficiency.
- Optimized backend performance and cloud deployment, reducing load time and improving reliability.
- Collaborated with legal teams to ensure smooth client-lawyer interaction and platform scalability.

### WasteFlow | AI-powered waste marketplace

[Live link](#)

- An AI powered platform that connects users to exchange recyclable waste, encouraging sustainable practices.
- Built with Next.js, Node.js, MongoDB. Integrated YOLOv8 for AI object detection and matching, where Python handles backend AI processing.
- Users list waste materials, and AI matches them with the best sellers, optimizing waste exchange and promoting sustainability.

### WorkConnect | An app for connecting labourers with employers.

[Live link](#)

- Designed and implemented an AI-driven matching system that connects verified workers with job opportunities based on their skills, location, and preferences, ensuring efficient and accurate job placement.
- Built real-time push notification functionality for job alerts, payment updates, and job status, along with GPS-based job discovery and mapping, enabling workers to access nearby opportunities instantly.
- Integrated micro-learning courses and an XP system for worker engagement and skill growth.

### GOVT-FundTracker | Platform for tracking Government funds

[Live link](#)

- A tool to track government fund allocation and ensure transparency in distribution.
- Built using Next.js for the front-end, Node.js for backend services, and MongoDB for managing fund data. Integrated APIs to track real-time fund allocation and flow, monitoring discrepancies or misuse.
- Ensures transparency in government funding, tracking how allocated funds are used and reducing misappropriation by middlemen.

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, SQL (Postgres), JavaScript, TypeScript, HTML/CSS

**Frameworks:** React, Next.js, Node.js, Angular, Vue.js, FastAPI

**Developer Tools:** Git, Github, , Google Cloud Platform (GCP), VS Code, Firebase, Postman, cURL

**Libraries:** pandas, NumPy, Matplotlib

**Databases:** MongoDB, Firestore

## ACHIEVEMENTS

Actively Participated in 9+ Hackathons and Ideathons, Secured position in top 5 at BVCOE's EcoCode, competing against over 50 teams.

Tech Member - MindFlare (MAIT Tech Society)

Volunteered in "DSA Xtreme Battle" and "BuildWars" , assisting in organizing and evaluating participants.