

# AADITYA KUMAR SAHU

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## SUMMARY

Enthusiastic and self-motivated IT undergraduate with foundational knowledge in programming and data structures. Passionate about learning new technologies and building practical projects. Seeking opportunities to grow and contribute in software development.

## EDUCATION

### G.L. BAJAJ INSTITUTE OF TECHNOLOGY AND MANAGEMENT, Greater Noida, India

Bachelor of Technology in Information Technology (2024 - 2028)  
CGPA: [Current] 7.64

### Kendriya Vidyalaya No. 2, Agra Cantt., India

12th Grade (2022 - 2024) - Aggregate: 76.6%  
10th Grade (2012 - 2022) - Aggregate: 89.6%

## TECHNICAL SKILLS

- **Programming Languages:** Java, Python , C
- **Frameworks & Tools:** Flask, Django, SQLite, Git
- **Web Development:** HTML, CSS, Bootstrap
- **Database:** SQLite , MySQL
- **Problem Solving:** Data Structures and Algorithms

## PROJECTS

### SocioSphere - Community Issue Reporting & NGO Collaboration Platform | [GitHub](#)

- Developed a Flask-based web application enabling users to report community issues with location and images, and NGOs to view, manage, and resolve these issues.
- Implemented user and NGO authentication, role-based access, and a user-friendly dashboard for managing reports and events.
- Integrated SQLite database for persistent storage and built RESTful routes for smooth front-end and back-end communication.

- Designed responsive UI with Bootstrap for easy navigation and data visualization.
- Added features like event posting by NGOs and notification emails upon issue reporting to keep stakeholders updated.

### **Music Player Web App | [GitHub](#)**

- Built a Django web application to play, organize, and manage music tracks with user-friendly UI.
- Implemented features like playlists, search, and audio controls using Django backend and HTML/CSS frontend.

### **Smart Stock Crash Predictor (In Progress) | [GitHub](#)**

- Working on a stock market crash prediction system using React.js and Django, integrating financial APIs and notification services.
- Plan to add machine learning models for market trend analysis and automated portfolio management features.

## **ACHIEVEMENTS**

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- Active learner practicing Data Structures and Algorithms through regular coding exercises.
- Completed several online programming challenges to strengthen problem-solving skills.
- Participated in college coding events and workshops to improve practical coding experience.

## **EXTRACURRICULAR ACTIVITIES**

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- Participating in hackathons to solve real-world problems and build teamwork skills.
- Active participant in Google Cloud Skills Boost Arcade program for continuous learning and challenges.