

Bigyan Acharya

EDUCATION

Galgotias University - BCA
GPA 8.34

Greater noida, India
Sept. 2023 – Jun 2026

SKILLS & INTERESTS

Frontend: HTML, CSS, TailwindCSS, Javascript, React.js, GSAP

Backend and Database: Node.js, Express.js, Python, MongoDB, SQL, PostgreSQL

Libraries and Frameworks: Next.js, Django, Flask, OpenCV, TensorFlow

Version Control: Git

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EXPERIENCE

Tech Desk

December 2023 – Present

Technical Lead

- Organized 5+ events, enhancing the technical knowledge and skill of over 400 participants
- Led a team of 50 members to develop innovative tech solutions for the organization

AWARDS

First Runner-up

Apr. 2024

- Secured the position of First Runner-Up among 120 teams in the Dexterix 4.0 Hackathon, 2024.

SIH Finalist

Dec. 2024

- Competed in the grand finale of Smart India Hackathon 2024.

PROJECTS

Reclaim-it

Developed a web application that facilitates the reporting of lost items and the matching of found items through an advanced algorithm. Users can list lost items, and when a found item is uploaded, the system uses a matching algorithm to help reunite lost items with their owners. Utilized React.js for the frontend, Express.js for the backend, and SQL for database management.

Social Media App

Developed a social media platform enabling users to connect, send friend requests, and manage their social network. Implemented real-time interactions using Socket.io for features such as live notifications and chat. The application uses React.js for the frontend, Node.js and Express.js for the backend, MongoDB for data storage, and Socket.io for real-time communication.

Real-Time Traffic Management

Developed a sophisticated traffic management system that uses camera feeds to detect and analyze traffic conditions, including vehicle speed and number plates. The system employs artificial intelligence to dynamically adjust traffic lights based on real-time data from various routes, optimizing traffic flow and reducing congestion. Integrated features include speed monitoring and automatic number plate recognition (ANPR) to enhance overall traffic management.