Abhirup Bhattacharyya
Web developer

NodeJS | Sequelize | SQL | Databases integration | API Design | JQuery

abhirup27022001@outlook.com
https://github.com/Abhirup27
+91 8929741066

Greater Noida, U.P., 201301, India

Recent MCA graduate with strong skills in web application development, computer networks, and operating systems. Experienced in developing robust, user-friendly platforms and contributing to open-source projects. Passionate about applying technical knowledge to solve complex problems in web development development and game development.

Projects

Blogging Web App
September 2024 – Current

Technologies: Node.js, Express.js, JQuery, Sequelize, Tailwind CSS

- Developed a dynamic blogging platform with a robust word processor for image embedding and formatting.

- Implemented responsive UI and advanced text editor, simulating a Word document experience.

- Currently working on implementing JWT and a search feature and live feed to enhance security and user engagement.

Football Match Analysis Neural Network
April 2024 – June 2024

Technologies: Python, YOLO, OpenCV, Pandas

- Analyzed football matches using object detection (YOLO) and player movement via optical flow.

- Assigned players to teams using K-means clustering based on jersey colors.

- Calculated ball control time by tracking the closest bounding boxes, delivering actionable insights on team performance.

Education

Master of Computer Applications
8.1/10
November 2022 – July 2024

At Galgotia's College of Engineering and Technology

Bachelor of Computer Applications
65.47%
August 2019 – June 2022

At Greater Noida Institute of Management

Core Skills

- JavaScript
- NodeJS
- Jquery
- EJS
- ReactJS
- Data Structures
- SQL
- Sequelize
- JWT
- C++11
- Git
- Computer Networks

GitHub Contributions

2D Community Game
Implemented Procedural map generation using cellular automata theory and tile texture placement logic.

Certification

Fullstack Web Development
Udemy
NodeJS App Development
Udemy

Languages

English (Proficient)
Hindi (Native)