

# Sagar Biswas

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## Education

**JK Institute of Applied Physics and Technology, University of Allahabad**

Bachelor of Technology in Computer Science Engineering; CGPA: 8.86

Prayagraj, UP

August 2020 - May 2024

## Projects

### E-Health Management System

Technologies Used: **ReactJS, NodeJS, MongoDB, Express, Tailwind, Bootstrap**

- Developed a web app using the MERN stack resulting in a user-friendly platform for medical treatment
- Implemented **RozarPay API** to enable direct payment of hospital bills by insurance companies
- Integrated **Chat Engine** to facilitate real-time communication between healthcare providers and patients
- Utilized MongoDB and **Mongoose** for efficient management and retrieval of patient data and medical records
- Created an online payment interface for booking appointments directly through the system

### Events Management System [\[Link\]](#)

Technologies Used: **NodeJS, EJS, MongoDB, Mongoose, Express, Bootstrap**

- Built an Events Management System with real-time score visualization, enabling users to view scores for events
- Introduced a **CRUD** operation feature, allowing for management of event data through an admin control panel
- Designed a public ledger page to view financial reports, enabling transparent reporting of event finances
- Constructed a Google Form script for registering complaints, streamlining the feedback process
- Successfully managed the system, resulting in more than **500** student visiting the site regularly for event scores

## Achievements

- Achieved a score of 502 and ranked **2986** out of 75,680 students on the **GATE CS/IT 2023** [\[Scorecard\]](#)
- Successfully solved 100+ LeetCode problems, including 50+ medium difficulty level [\[mrsagarbiswas\]](#)
- Won first place in the annual Web Development Competition of my college
- Successfully contributed to open-source projects during Hacktoberfest 2021 on GitHub
- Developed Light Fidelity Wireless Communication Technology and won the District Level Project Competition

## Positions of Responsibility

### Club Head of E-Code

Coding Club of JK Institute of Applied Physics and Technology

Prayagraj, UP

May 2022 - Present

- Organized programming competitions and weekly coding classes for **100+** college students
- Inspired and encouraged students to learn Data Structures and Algorithms

### Training and Placement Coordinator

TnP Cell, JK Institute of Applied Physics and Technology

Prayagraj, UP

July 2022 - November 2022

- Gathered information about recruitment ads to keep up-to-date with the latest employment opportunities
- Successfully coordinated with Human Resources Departments and TPOs of companies for campus placement drives

## Technical Skills

**Programming** C, C++, JavaScript, SQL

**Front-End** **ReactJS**, EJS, Document Object Model, jQuery, Bootstrap, tailwind, CSS, HTML

**Back-End** **NodeJS**, Express, **RESTful API**, **MongoDB**, Mongoose, Passport.js

**Developer Tools** Git/GitHub, Azure, Figma, VS Code, VirtualBox, Linux, CodeSandbox, Postman, Studio 3T

**Languages** English(Fluent), Hindi(Fluent), Bengali(Native)