SAURAV KUMAR

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PROFILE SUMMARY

Enthusiastic Software Developer with hands-on experience in designing and developing responsive, user-friendly web applications and backend services using JavaScript, Node.js, Express.js, and MySQL. Strong understanding of Data Structures & Algorithms (DSA), RESTful API development, and version control using Git & GitHub. Proficient in both front-end and back-end development, with a passion for clean, efficient code and scalable software solutions. Eager to learn new technologies, solve complex problems, and contribute to dynamic software projects.

SKILLS

Programming Languages: JavaScript, Java, SQL

Front-End Technologies : HTML5, CSS3, React.js

Version Control : Using Git & Github

Tools & Platforms: Postman, Vercel, AWS (Basic)

Problem Solving : Strong foundation in Data Structures & Algorithms with ongoing practice on coding platforms.

Backend & Frameworks: Node.js, Express.js

Databases: MySQL

Core CS Concepts: Data Structures & Algorithms (DSA), REST API Development, Responsive Web Design, JWT Authentication

EDUCATION

Bachelor Of Computer Applications   July 2022 – May 2025 | Agra,India

Dr. Bhimrao Ambedkar University, Agra

12th | UP Board

10th | UP Board

PROJECTS

Event Management System (CLI-Based Application in Java)

Tech Stack : Java (Core), File Handling, OOP Principles

- Developed a command-line interface (CLI) application to manage events, participants, and bookings.
- Implemented core functionalities such as adding new events, registering participants, displaying event details, and managing bookings.
- Applied Object-Oriented Programming (OOP) concepts like classes, objects, inheritance, and encapsulation to structure the application.
- Used Java File Handling for storing and retrieving event and participant data persistently.
- Tested the application across various input scenarios to ensure error handling and data integrity.

College Management System (Full-Stack Web Application)

Tech Stack : JavaScript, Node.js, Express.js, React.js, MySQL, Git,

- Developed a dynamic web application to manage students, faculty, courses, exams, and fees.
- Implemented user authentication with JWT and password hashing.