Saurav Suman

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⌗ GitHub Profile
in LinkedIn Profile

EDUCATION

- **Bangalore Institute of Technology** *2026 Grad*
  Bachelor of Engineering-Information Science And Engineering CGPA/Percentage: 8.11 (Till 4th sem)
- **DAV Public School** *2021*
  CBSE CGPA/Percentage: 84.2
- **DAV Public School** *2019*
  CBSE CGPA/Percentage: 88.2

PROJECTS

- **Payment Application | JavaScript, React, Zod, Mongoose, Node.js, Express.js, JWT .** *Github*
  - Developed a full-stack payment application with secure user authentication, account management, and transaction tracking.
  - Engineered backend using Node.js, Express, and Mongoose for handling authentication, account data, and transactional updates.
  - Implemented secure login, signup, and balance update functions, using JWT for token-based authentication.
  - Utilized Zod for schema validation to ensure data integrity and user input validation throughout the application.
  - Designed an intuitive, responsive frontend with React, enhancing user experience for real-time balance and transaction tracking.

- **SPORTIFY - Sports Matching Platform | React, Node.js, Firebase Realtime Database, Firebase Authentication .** *Github*
  - Built a sports matching platform connecting users with similar sports interests, incorporating real-time data storage and user authentication.
  - Implemented Firebase Realtime Database for efficient, real-time storage and retrieval of user data.
  - Integrated Firebase Authentication for secure, seamless login and account management.
  - Developed personalized filtering features based on sports type and location, optimizing user matchmaking experience.
  - Focused on engaging UI/UX with React, including responsive design and smooth scroll animations for an interactive user experience.

- **SIMON GAME | HTML, CSS, DOM Manipulation .** *Github*
  - Developed an interactive memory-based Simon game, where players replicate sequences of colors and sounds.
  - Implemented game mechanics using DOM manipulation to control button animations, sounds, and sequence generation.
  - Designed a user-friendly interface with four color-coded buttons, each triggering visual and audio feedback upon interaction.
  - Enhanced gameplay by dynamically adjusting sequence complexity, providing an engaging and challenging experience.

TECHNICAL SKILLS AND INTERESTS

Languages: C++, Python, Java, HTML/CSS, JavaScript,Typescript
Technologies/Frameworks: React, NodeJS, ExpressJS
Databases/Tools: MongoDB, PostgreSQL, Git
Interest: Blockchain, Machine Learning

POSITIONS OF RESPONSIBILITY

- **Volunteer,** Ambition National Level Hackathon, Bangalore Institute of Technology -
  Assisted with event management and participant coordination, throughout the hackathon.

- **Director,** Leo Club, BIT Bangalore -
  Oversaw club activities, coordinated events, and facilitated community service projects as the Director.

ACHIEVEMENTS

- **Finalist** in Code Heist event organized by Dev-Soc Club
- **Participant** in Hackman organized by DSCE Bangalore - Coordinated team tasks to achieve project goals
- **Attendee** in AWS Hands-on Workshops