

AMAN SINGH

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EDUCATION

Year	Degree/Certificate	Institute
2021 - Present	B.Tech - Information Science and Engineering	BMS Institute of Technology and Management

EXPERIENCE

Frontend Engineer Intern

Apr 2024 – Aug 2024

Inilax Corporate Services

Bengaluru

- Developed dynamic and responsive interfaces using **React**, optimizing user experience and performance.
- Utilized **Context API** for state management and integrated **RESTful APIs** to enhance data synchronization and user experience.
- Improved security by implementing **JSON Web Tokens** and **password hashing**, effectively reducing the risk of security breaches.
- Worked closely with the backend team to ensure seamless integration of frontend components with server-side APIs.
- **Technology Used** : React.js, Context API, RESTful APIs, Figma, Git.

ACHIEVEMENTS

Project Based Learning - 1st Price

Oct 2023

CodeRed Hackathon - Top 5

Jan 2024

TECHNICAL SKILLS

Programming Languages: C, C++, Python(Basic)
Databases: MySQL, MongoDB
Web Development: HTML, CSS, React.js
Backend: Express
Tools/Platforms: Git, GitHub, Postman, AWS, Netlify
Soft Skills: Problem Solving, Communication, Teamwork

PROJECTS

EventHub

[Live Github](#)

React JS , Express , NodeJS, MySQL, JWT

- Designed and developed a campus event management solution for **event scheduling, registration, ticket booking**.
- Deployed the application using **AWS EC2 and RDS**, ensuring high security, availability, and scalability.
- Utilized **Git and GitHub** for version control and collaboration.

MindScrib

[Live Github](#)

React JS , Express , MySQL, Sequelize

- Built a feature-rich notes application with full **CRUD functionality**, **search capabilities** and the ability to **pin important notes**.
- Migrated from **MongoDB** to a relational **MySQL** database using **Sequelize** ORM.
- Deployed the application using **Netlify**, **Render**, and **Amazon RDS for MySQL**, ensuring high availability and performance.

RELEVANT COURSEWORK

COURSES: Computer Networks, OOPS, DBMS, SQL , DSA