SONALI GUPTA

Undergraduate at Indian Institute of Information Technology, Allahabad

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EDUCATION

B-Tech in Electronics and Communication Engineering
Indian Institute of Information Technology, Allahabad, Uttar Pradesh
📅 December 2021 – Present   CGPA: 8.32/10

Class - 10
Devasthali Vidyapeeth, Motihari, East Champaran, Bihar (CBSE)
📅 2017-2018   Percentage: 92.4%

Class - 12
Cambridge Public School, Raxaul, East Champaran, Bihar (CBSE)
📅 2018 - 2020   Percentage: 92%

PROJECTS

Simple.CHAT
Website | GitHub Server | GitHub Client
📅 March 2023

- Developed Simple.CHAT, utilizing Socket.IO with NodeJs and Express for real-time bidirectional communication.
- Implemented JWT for user authentication and authorization.
- Co-authored ReactJS frontend with Context API for state management, integrating APIs via fetch.
- Backend development involved Nodejs (Express), creating routes, and utilizing MongoDB for data storage.
- Employed Socket.IO Client and Simple-Server for seamless real-time data transmission.

SellMerchSite
Website | GitHub
📅 December 2022

- Sell Merch Site is a website where users can sell and buy merch (bottle, pen, T-shirts, Bag, etc).
- Co-authored frontend using React-JS, Context for state management and integrated APIs using the fetch method.
- Co-authored backend using Node.js (Express), developed REST APIs, created routes, and used MongoDB as database.
- It is a CRUD application where users can create, read, update, and delete products.

EncryShare
Website | GitHub
📅 June 2024

- EncryShare is a website that provides the facility to upload files and share files via email secured with a password.
- EncryShare's interface is designed to be intuitive and easy to use, allowing users to upload, manage, and share files effortlessly.
- Co-authored frontend using React-Js, Next-Js, Context for state management, and integrated APIs using fetch method.
- Files are stored securely in Firebase Storage with robust encryption protocols to prevent unauthorized access.
- Built with React.js components for a responsive and interactive user experience, and styled using Tailwind CSS frameworks.

My Portfolio
Portfolio | GitHub
📅 June-2024

Created my portfolio website using ReactJs to Showcase of my projects and skills in web development and design.

SKILLS

Languages
C C++ JavaScript HTML CSS

Frameworks and Libraries
ReactJS NodeJS ExpressJS
NextJS Socket.IO Material UI
Tailwind CSS

Databases
MongoDB Firebase MS SQL Git

CourseWork
Data Structure and Algorithm
Operating System
Database Management Systems
Object Oriented Programming
Computer Networks

PARTICIPATION AND ACHIEVEMENT

- **3 Star** on CodeChef
- Secured a rank of 82 among 5k+ students in **CodeHaven** - Central India's biggest Coding contest
- Secured Rank of 181 among 18k+ participants in CodeChef START92D
- Solved 1500+ coding questions on platforms such as GFG, Coding Ninjas, CodeForces,LeetCode.
- Participated in **HacktoberFest 2022** challenge and won goodies.
- Participated **Out Of Context, 2022** and **Webkriti**, the Web Development Hackathon organised in Aparoksha Event, 2023.
- Participated in **Shehacks 2022 - National level hackathon** for girls organised by IIITA.