SARTHAK SHARMA

Roll No: 2K21/EE/259 | Mobile No: +91 9717652238 | [Email ID] | [Work ID] |[LinkedIn] | [LeetCode] | [Codeforces] | [Portfolio]

EDUCATION

B.TECH (Electrical Engineering)	2021-2025	Delhi Technological University , New Delhi	8.37 CGPA
CBSE (Class XII)	2019	Apeejay School , Saket New Delhi	78.8 %
CBSE (Class X)	2017	Apeejay School , Saket New Delhi	87.4 %

INTERNSHIPS

AEH (Advance Application Engineer) Intern , Accenture ,Gurugram   May 2024-July 2024
- Conducted in-depth analysis of code coverage to ensure comprehensive testing of software applications.
- Develop, test, and deploy high-quality web applications using the MERN stack
- Implemented and optimized testing frameworks to improve code quality and reliability.

ACADEMIC PROJECT

1.My-Money-App (Web App) | | Next JS , Postgres , Turborepo , Docker , Prisma ORM , Node JS , CI/CD Pipeline
Enables users to add funds from their bank accounts, transfer money to other MyMoney users, and view transaction histories, similar to a small-scale version of Paytm.
- **Utilized Next.js for comprehensive development:** Leveraged Next.js framework, incorporating NextAuth for secure user authentication.
- **Optimized database interactions with PostgreSQL:** Configured PostgreSQL database and integrated it with the backend using Prisma ORM for seamless and efficient data management.
- **Enhanced transaction reliability:** Created a dedicated backend service for handling fund additions from HDFC and AXIS bank accounts, ensuring uninterrupted transaction processing independent of frontend.
- **Streamlined project management with Turborepo:** Employed Turborepo to maintain effective project organization and management.
- **Implemented continuous deployment workflows:** Established CD pipelines using a build.yml file in GitHub to automate Docker image builds upon each commit.

2.House Banao (Web App) | [Live] | [Github] | Next JS , Tailwind
- **Server-Side Rendering (SSR) and Static Site Generation (SSG)**:The website leverages Next.js SSR and SSG capabilities to deliver fast-loading pages, improving user experience and search engine optimization (SEO).
- **Dynamic Routing and File-Based Routing**: Next.js's dynamic and file-based routing allows for intuitive navigation through property listings.
- **Incremental Static Regeneration (ISR)**:ISR ensures that property listings are always up-to-date. The website can regenerate static content as needed

3.Portfolio Website (Web App) | [Live] | [Github] | React , Tailwind
- Dynamic Portfolio website leveraging React framework to dynamically render and display various components, enhancing user interaction and navigation.
- Tailwind CSS is employed to meticulously design and style these components, ensuring a visually appealing and cohesive layout.

ACADEMIC ACHIEVEMENTS AND AWARDS

- Solved over 500+ Questions on Leetcode with with a Continuous Streak of 300+ days
- Achieved over 12 Badges on My Leetcode Profile
- Achieved a Ranking of 1760 in Leetcode Contests [LeetCode]
- Became Pupil in Codeforces with a Rating of 1215 [Codeforces]

TECHNICAL SKILLS

- Programming Languages: C/C++, Python
- Web Development: HTML, CSS, JavaScript , TypeScript , React, Next.JS, Node.JS, Express, Tailwind
- Tools: Git , MySql , Vs Code , MongoDB , Postgres , Prisma ORM , ZOD , Docker
- Technical Skills: Data Structures, Algorithm Design and Analysis, Object-Oriented Programming, Database Management System, Operating System , Computer Networks and Internet Protocol

POSITIONS OF RESPONSIBILITY

- I was elected as Class Representative of my batch for consecutive 2 years i.e 2021-2023   [Certificate]
- I was Coding Blocks Campus Superhero for 2021 – 2022   [Certificate]