

Suraj Dhankad

Software Engineer

Bachelor of Technology

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🐙 [GitHub Profile](#)

🌐 [LinkedIn Profile](#)

[LeetCode](#) [Portfolio](#)

EDUCATION

- Bachelor of Technology** 2021-25
Delhi Technological University (DCE) CGPA: 8.4
- Class 12th** 2019-20
Mukherjee Memorial Senior Secondary School Marks: 93.6%
- Class 10th** 2017-18
Green Field Public School Marks: 88.6%

PERSONAL PROJECTS

- Tech Spot – Online Learning Platform (Web App)** [GitHub Link](#)
Created a user-friendly online learning environment, fostering a smooth interaction between creators and learners.
 - Technology Used: NextJS, NodeJS, ExpressJS, MongoDB, Redis, TypeScript.
 - Implemented a robust server using Node.js, Express, and TypeScript to handle course transactions, user authentication, and data management.
 - Utilized MongoDB with Mongoose as the ODM to efficiently store and retrieve course content, user profiles, and transactional data.
 - Implemented Redis for caching to optimize performance, reduce database queries, and enhance overall system responsiveness.
 - Designed and implemented a feature-rich platform allowing creators to showcase and sell their courses online, with a seamless payment and enrollment process for users.
 - All the Backend Api's are Tested using Postman.
- Sketch Book – Online Collaborative Sketch Canvas (Web App)** [GitHub Link](#)
This web-app is for creating collaborative online sketches which can be downloaded as Images.
 - Technology Used: React, Redux Toolkit, Socket.io, Nodejs, Tailwind CSS, JavaScript.
 - Generated a user base of 100+ in a very short amount of time
 - Implemented live drawing and real-time synchronization, enabling multiple users to collaborate simultaneously on shared sketches.
 - Used Redux Toolkit for state management, ensuring efficient data handling.
 - Designed a scalable architecture that can support a growing number of concurrent users for seamless collaboration by using optimization techniques to reduce latency and ensure smooth real-time drawing, enhancing overall performance.
- Travel Planner – Web App of Booking Hotel Stay Services** [GitHub Link](#)
 - Technology Used: NextJS, Prisma, Tailwind CSS, MongoDB, NextAuth, TypeScript, Zustand.
 - Developed a robust hotel booking services application to create a user-friendly platform that allows users to search, book, list and manage hotel reservations efficiently.
 - Utilized Prisma as the ORM (Object-Relational Mapping) tool to simplify database operations and provide a structured data access layer.
 - Used NextJS to optimize server-side rendering and to enhance the performance.
- XCrypto – Web App for Real-Time Monitoring of Crypto Graph** [GitHub Link](#)
 - Technology Used: ReactJS, SCSS, JavaScript.
 - Developed and designed a website using ReactJS and SCSS to fetch cryptocurrency data from an API.
 - Implemented API integration to retrieve real-time data such as current prices, market trends, and historical data.

TECHNICAL SKILLS and INTERESTS

Languages: C/C++, TypeScript, JavaScript, HTML+CSS

Libraries: C++ STL, ReactJS, NextJS, Prisma, ExpressJS

Web Dev Tools: Nodejs, VScode, Git, Github, NGINX, TurboRepo, Postman

Cloud/Databases: MongoDB, MySQL, Redis-Caching

Relevant Coursework: DSA, OS, Object Oriented Programming, DBMS, Computer Networks

Areas of Interest: Full-Stack Development, Product Engineering, Web 3.0

Soft Skills: Problem Problem-Solving, Self-learning, Presentation, Adaptability, Leadership, Critical-Thinking

ACHIEVEMENTS

- Solved 550+ DSA problems on Leetcode.
- Contributed in some MERN Stack Open Source Projects.
- Build a collaborative tech platform in a college hackathon.