



NIHAL KUMAR

Software Developer

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Education

Manipal University Jaipur	
Bachelor of Technology	2023 - 2027
Elias Meyer School	
Senior School (12th)	2022
Elias Meyer School	
High School (10th)	2020

Skills

Frontend: ReactJS, NextJS, Tailwind CSS

Backend Development: NodeJS, ExpressJS, Websockets

Databases: MongoDB, PostgreSQL, Prisma

Advanced Backend: Redis, Kafka, RabbitMQ, PubSub

Languages: Javascript, TypeScript, C/C++ and Golang

DevOps: Docker, Git, CI/CD pipelines

Data Structures and Algorithms

Projects

Ride booking application

Description: Designed and built a feature-rich ride-booking platform facilitating seamless interactions between riders and drivers.




- Integrated real-time location services using OpenStreetMap API.
- Enabled live tracking of rides and precise route mapping.
- Implemented dynamic pricing algorithms.
- Payment gateway integration using stripe and razorpay
- User authentication using JWT, cookies, session and Nextauth.
- Technologies: ReactJS, Nextjs, Postgres, Websockets

Social media application with real time chatting

Description: Developed a social media application with user authentication and CRUD operations for posts with real time chat features.

- JWT-based authentication and Redux state management and redux persist.
- Follow/unfollow, like, comments, search functionality for user engagement.
- Designed responsive UI with Tailwind CSS.
- Socket.io for real-time updates and messaging.
- Technologies: ReactJS, NodeJS, Expressjs, MongoDB, Socket.io

Accomplishments

-  Solved 200+ problems on LeetCode, enhancing problem-solving skills.
-  Finalist in MUJ HACKX
-  Came 2nd in College in SIH internal round