

# Nishant Raj

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## Areas of Interest

Full-Stack Development, Backend Development, Blockchain & Web3, Distributed Systems, Data Engineering

## Education

**JK Lakshmipat University Jaipur**  
*BTech in Computer Science Engineering*

*Expected May 2026*

## Experience

### FullStack Development Intern

*Frantiger Business Consulting*

*Bangalore, India · Remote*

*Mar 2025 – Present*

- Collaborated in a 3-member team to modernize a legacy business consulting web application with enhanced UI/UX and system architecture
- Developed backend API routes and endpoints for new features while optimizing database queries to improve system performance

### Software Development Intern

*Aunwesh Knowledge Technologies*

*Kolkata, India · On-site*

*May 2024 – Jul 2024*

- Engineered a CAD analytics tool using Apache Lucene for intelligent document indexing and keyword search across technical drawings
- Built a custom DWG GUI that automates design analysis and measurement extraction, streamlining engineering review workflows

## Projects

### DTIX ( React, Socket.io, REST API, SDK'S, MongoDB)

[Live-link](#) - [GitHub](#)

- Built a blockchain ticketing platform with smart contract storage, live auctions, and resale marketplace functionality
- Integrated Stripe/Moonpay payments, real-time bidding via Socket.io, and AI-powered event discovery

### CredChain ( React, IPFS, Solidity, Hardhat, Node.js )

[Live-link](#) - [GitHub](#)

- Developed a Web3 cloud storage solution using IPFS for distributed file storage and Solidity smart contracts for integrity verification
- Deployed on Sepolia Testnet with Hardhat, implementing access control, revocable permissions, and multi-format file support

### Uber Clone ( React, Express.js, Socket.io, Node.js, Google API, MongoDB )

[Live-link](#) - [GitHub](#)

- Built a full-stack ride-hailing platform with real-time tracking, dynamic pricing, and WebSocket-based communication
- Implemented React frontend with scalable REST API, MongoDB backend, and location-based auto-suggestions

### Reddit Analytics Pipeline and Dashboard(kafka, pyspark)

[Live-link](#) - [GitHub](#)

- Built a real-time distributed data pipeline using Python, Kafka, and PRAW to stream Reddit data across multiple subreddits
- Deployed a cloud-based Dash dashboard with MongoDB and Plotly for sentiment analysis and engagement visualization

## Skills

- **Languages:** JavaScript, Go, TypeScript, Solidity
- **Databases:** MongoDB, PostgreSQL
- **Frameworks:** React.js, Node.js, Express.js
- **Infra & Tools:** Docker, Git, Kafka, Spark, Hadoop, Linux

## Hackathons

Achieved **4<sup>th</sup>** place at Hack JKLU 4.0 and **5<sup>th</sup>** place at HIVE India IIT Delhi, ranking in the top 5 out of 100+ teams