

Nishant Raj

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Education

JK Lakshmipat University, India (BTech in Computer Science Engineering)

Aug 2022 - May 2026

- **Relevant Coursework:** Computer Networks, Data Structures, Database Management Systems, Operating Systems, Blockchain Development, Big Data Analytics, Product Design, Algorithms, Business Functions, Conflict Management.

Experience

Full Stack Developer

Bitwrap Technologies (Internship)

Aambala, India · Remote

July 2025 – Present

- Developing and integrating end-to-end features for business use cases, driving both frontend and backend development.
- Ensuring system performance and security through adherence to best practices and robust architectural design.

Full Stack Developer

Frantiger Business Consulting (Internship)

Bangalore, India · Remote

Mar 2025 – May 2025

- Reimplemented a legacy WordPress application using React.js and Node.js, significantly improving performance and creating a cleaner, more maintainable architecture.
- Optimized RESTful API development and database access logic, achieving faster page load times and enhancing backend service responsiveness.

Projects

DTIX (React.js, Socket.io, MongoDB, Node.js, Gemini LLM)

[Live Demo](#) [✉](#) - [GitHub](#) [✉](#)

- Developed a full-stack ticketing system enabling live auctions, resale, and NFT reselling, incorporating AI query (Gemini LLM) for event search.
- Integrated Stripe and MoonPay for secure fiat/cryptocurrency payments and implemented a real-time live bidding system using Socket.io.

Reddit Analytics and Dashboard (Apache Kafka, PySpark, MongoDB, Plotly Dash)

[Live Demo](#) [✉](#) - [GitHub](#) [✉](#)

- Implemented a real-time data pipeline using Apache Kafka and PySpark to ingest, process, and analyze Reddit posts for sentiment.
- Built an interactive dashboard with Plotly Dash to visualize trends, sentiment scores, and engagement metrics from daily updated datasets.

Taskly (React.js, Node.js, MongoDB, Express.js, Tailwind CSS)

[Live Demo](#) [✉](#) - [GitHub](#) [✉](#)

- Designed and developed a comprehensive task management system with priority-based planning, custom task boards, and hierarchical goal structures.
- Created an analytics dashboard to track user progress and productivity, significantly enhancing goal visibility and time management.

Skills

- **Languages:** JavaScript, TypeScript, Go, Solidity
- **Frontend:** React.js, Tailwind CSS, Next.js
- **Backend:** Node.js, Express.js, RESTful APIs
- **Databases:** MongoDB, PostgreSQL
- **Blockchain:** Ethereum, Web3.js, Hardhat, IPFS
- **Tools & DevOps:** Docker, Git, Linux, AWS

Hackathons

- Secured 4th place at **Hack JKLU 4.0**, competing against 100+ teams with DTIX.
- Achieved 5th place at **HIVE India, IIT Delhi**, building DTIX, Received grant of **Rs.40,000** for implementation.