Kshitij Kumar

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leetcode.com/u/kshitijyadav2003

PROJECTS

Client Testimonial Platform   Nov 2024 – Feb 2025
- Developed a platform to streamline the collection, management, and display of client testimonials.
- Implemented **Google OAuth** for secure authentication, ensuring user privacy and seamless login.
- Optimized relational database queries with **Prisma PostgreSQL**, improving data retrieval speed by **40%**.
- Enhanced maintainability with **MonoRepo architecture**, reducing redundant code by **30%**.
- Designed a responsive UI with **Tailwind CSS**, improving page load times by **25%**.
- **Tech Stack:** Next.js, Tailwind CSS, PostgreSQL, Google OAuth, Prisma, JWT, Docker.

Payment Website   Oct 2024 - Feb 2025
- Built a secure payment platform for users to manage their finances
- Ensured atomic transactions to maintain data integrity and consistency in financial transactions
- Integrated Docker for containerization and leveraged multiple backend layers for secure transaction processing
- Tech Stack: Next.js, Tailwind CSS, PostgreSQL, NextAuth, Prisma, JWT, Docker

Medium Blog   Sept 2024 - Oct 2024
- Developed a Medium.com clone with article publishing, editing, and user interactions.
- Achieved **99% uptime** using Cloudflare Workers (Wrangler) for global, low-latency access.
- Optimized database queries with Prisma ORM PostgreSQL, achieving **40% faster response times**.
- Containerized deployment using Docker for scalability and environment consistency.
- Reduced CSS size by **30%** with Tailwind, improving load times.
- **Tech Stack:** React.js, Wrangler Workers, Docker, Prisma, PostgreSQL, Tailwind CSS, TypeScript, Google OAuth, JWT.

EDUCATION

Lovely Professional University   Jalandher, Punjab
Bachelor of Technology in Computer Science, Minor in Web Development   *Aug 2022 – Jul 2026*

R.L.S.Y. College   Aurangabad, Bihar
Higher Secondary Education (PCM)   *Jun 2019 – Jul 2021*

Patel High School   Aurangabad, Bihar
Secondary Education   *Mar 2018 – May 2019*

TECHNICAL SKILLS

Languages: C++, C, Java, SQL, JavaScript, TypeScript
Frameworks: ReactJS, Tailwind CSS, Next.js, Bootstrap, Express, Node.js
Developer Tools: Git, Prisma, Docker
Databases: SQL, Postgres, MongoDB

CERTIFICATION

Introduction to MongoDB: from MongoDB   *Jul 2024*
Web Development: from Udemy   *Jul 2024*
Data Structure and Algorithm: from Udemy   *Jun 2023*

ACHIEVEMENT

Solved **350+ Data Structures and Algorithms** problems on **LeetCode** and **GeeksforGeeks**, covering all important DSA topics, including arrays, linked lists, stacks, queues, trees, graphs, dynamic programming, and recursion.