

Gyanendra Kumar Tiwari

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Education

Indian Institute of Information Technology Ranchi

Bachelor of Technology in Computer Science and Engineering (CGPA 8.94)

Dec 2021 – Present

Ranchi, Jharkhand

Modern School, Vaishali

Intermediate (Percentage 96%)

Apr 2020 – Jul 2021

Ghaziabad, Uttar Pradesh

Experience

Coforge

May 2023 – Jul 2023

Software Developer Intern

Greater Noida, Uttar Pradesh

- Pioneered the comprehensive development and enhancement of a modern Dashboarding and Reporting Tool using Ruby on Rails and MySQL, resulting in a significant boost in data analysis efficiency.
- Amplified data exploration capabilities through the implementation of interactive dashboards and dynamic data visualizations.
- Streamlined application performance and scalability by employing efficient code execution and caching techniques, leading to a substantial reduction in page load time.

Projects

🔗 Whisper | Next.js, Socket.io, Tailwind CSS, Prisma, MongoDB, Express.js, Firebase, ZegoCloud

Jul 2023

- Developed Whisper, an advanced Chat application, employing cutting-edge technologies like Next.js, Tailwind CSS, Socket.io, Prisma, Node.js, Express, MongoDB, and Firebase. Integrated ZEGOCLOUD's video & voice call SDK for enhanced sophistication.
- Orchestrated real-time messaging, voice and video calls, live audio waveforms for voice notes, emoji support, and image sharing, amplifying user engagement.
- Enabled Google login through Firebase, facilitated dynamic database selection via Prisma, and achieved seamless real-time messaging through Socket.io for an immersive user experience.

🔗 Project Pilot | ReactJs, ExpressJs, MongoDB, Tailwind CSS, Redux, JWT, Nodemailer

Apr 2023

- Created Project Pilot, an encompassing project management system, during a hackathon, leveraging modern technologies including React.js, Express.js, MongoDB, Tailwind CSS, and Redux.
- Implemented user-centric features facilitating effortless project addition, modification, and removal, accompanied by Github repository integration for streamlined project management.
- Incorporated Kanban features for tracking progress, Calendar for scheduling, and Conversations as a discussion platform, fostering team collaboration and organized project execution.

🔗 FilmFiesta | ReactJs, ExpressJs, MongoDB, TMDB Api, Material UI, Redux, Axios, JWT

Jan 2023

- Engineered FilmFiesta, an engaging movie review application, harnessing the potential of React.js, Express.js, and MongoDB. Integrated TMDB API to provide an extensive array of movies spanning diverse genres.
- Utilized Redux and Axios for centralized logic, optimizing state management and server communication for streamlined codebase.
- Enriched user experience through functionalities encompassing review creation/deletion, personalized favorite movie lists, and secure JWT-based authentication, elevating user engagement and ensuring data security.

Achievements

🔗 Leetcode (Highest Rating 1709)

🔗 CodeChef (Highest Rating 1656)

🔗 Codeforces (Highest Rating 1208)

Technical Skills

Languages: C, C++, Python, JavaScript, TypeScript, Ruby, SQL, HTML, CSS

Developer Tools: Git, GitHub, VS Code, Postman

Frameworks: ReactJs, NextJs, ExpressJS, Ruby on Rails, Vite, Tailwind CSS, Bootstrap, Material UI

Other Technologies: Linux, Socket.io, Prisma, Redux, Zustand, Sanity, HyGraph

Leadership / Extracurricular

GDSC Core Member

Dec 2022 – Present

GDSC IIIT Ranchi

- Proficiently curated and led engaging workshops and training sessions covering JavaScript, React.js, and GitHub.
- Developed and delivered high-quality web applications utilizing modern technologies.
- Offered valuable guidance and support to club members, sharing coding best practices and resolving code-related challenges.