Kanishka Ranjan

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SKILLS

Languages: C++, JavaScript, TypeScript, SQL, Python
Technologies/Frameworks : React.js , Next.js , Tailwind , Node.js , Express , OOP, DBMS, OS
Cloud Services and DevOps: AWS , Docker , Linux , Git (Version Control) , Cloudflare Workers (Serverless)
Databases : MongoDB , PostgreSQL , Firebase , Prisma

WORK EXPERIENCE

TECHCITI   **May 2024 – July 2024**
Full Stack Web Developer

- **Developed a Customer Feedback and Support System** enabling users to submit feedback and support tickets, reducing response time by **45 percent** and improving customer satisfaction.
- **Implemented an Admin Dashboard** to manage support tickets and feedback entries weekly, with filtering options and analytics to identify and resolve **70 percent** of recurring issues.
- **Integrated Automated Notifications** configured email notifications using Nodemailer, achieving a **73 percent** reduction in manual follow-ups by sending real-time updates on ticket statuses
- **Optimized Database Performance** enhanced MongoDB database schema and indexing, leading to a **30 percent** improvement in data retrieval speeds and ensuring efficient handling of growing data volumes.

EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA   **Dec 2021 – June 2025**
Bachelors of Technology in Information Technology   **CGPA- 7.69**

PROJECTS

HORIZON - BANKING WEB APP (GITHUB)   LIVE LINK

- Developed Horizon, a financial SaaS platform using **Next.js and TypeScript**, enabling users to **connect multiple bank accounts, view real-time transaction data**, and manage finances seamlessly.
- **Integrated Plaid and Dwolla APIs** for secure bank linking and fund transfers, providing users with a comprehensive and interconnected financial experience.
- **Implemented secure server-side authentication** with robust validations and authorizations to ensure data privacy and secure user access.

GAMBLE GAINS – GAMBLING PLATFORM (GITHUB)   LIVE LINK

- Designed and developed an engaging gambling website using **React.js** and **Tailwind CSS.**
- Integrated exciting gambling games including **Dice**, **Mines** and **Hi-Lo** and enhanced user experience with a modern, **responsive design and dynamic game interfaces for immersive gameplay.**

PORTFOLIO (GITHUB)   LIVE LINK

- Built a dynamic and interactive portfolio using **Next.js**, integrating smooth animations and transitions with **GSAP** to enhance user experience.
- Optimized performance with **server-side rendering in Next.js**, ensuring fast load times and seamless navigation across all sections of the portfolio.

SORTING VISUALIZER (GITHUB)   LIVE LINK

- Developed an interactive sorting visualizer using **JavaScript** to demonstrate the step-by-step execution of common sorting algorithms: **Bubble**, **Selection**, **Insertion**, **Merge**, **Quick**, and **Heap**.
- **Implemented algorithm animations and real-time data updates** to enhance user understanding of sorting processes, improving engagement and educational value.

ACADEMIC AND EXTRA-CURRICULAR ACHIEVEMENTS

- Solved **350+** problems on LeetCode.
- Finalist in **Hackshetra 2023** and College Finalist in **Smart India Hackathon 2023**.
- Secured **AIR 7138** in JEE MAINS 2021.