Mukul Kumar Aspiring Software Developer

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SKILLS

• **Programming Languages** : JavaScript, Java, TypeScript
• **Libraries and Frameworks** : React, NodeJS, Express.js, Next Js
• **Tools** : MongoDB, VSCode, Firebase, MySQL, Git and Github, Supabase, PostgreSQL
• **Other Skills** : CSS, HTML, Data structures and Algorithms, Cloudinary, Shadcn, Drizzle ORM

PROJECTS

Quicky 1.0

🔗 https://quicky1.vercel.app

- Designed and developed a robust and scalable full stack **Quick Commerce** App using **Next.Js and PostgreSQL** .
- Integrated 3+ key functionalities to streamline shop management, product cataloging, and payment processing, enhancing the user experience.
- Implemented **Cashfree payment gateway** and **NextAuth** for secure transactions, achieving a 99% success rate in payment processing.
- Reduced operational errors by 30% through seamless **database transactions**.
- Developed RESTful APIs in Nextjs using **Supabase** for database, ensuring faster response time by 55%.
- Configured role-based access control, distinguishing between regular users and admins with different privileges.
- Incorporated error handling using toast to provide users with feedback on successful or unsuccessful operations.
- Integrated **Shadcn-UI** components and skeleton for a responsive and visually appealing user interface.
- Integrated **Cloudinary** for efficient image management and storage, optimizing image delivery and reducing load times.
- Conducted over 200 rounds of **payment testing**, identifying and fixing bugs to ensure robust performance.
- Utilized a tech stack that includes **Next.js, Supabase, and PostgreSQL**.

LMS

🔗 https://mk-library-management.vercel.app

- Developed a full-stack web application for library to track students, revenue, and profit.
- Enhanced UI performance by 45% through effective code splitting and lazy loading strategies.
- Implemented responsive design using MUI, including a **dark/light** theme toggle.
- Integrated **Context API** to streamline loading and user states across components, improving overall responsiveness.
- Successfully **marketed and sold** the application to 3 libraries, achieving a 100% customer satisfaction rate.
- Designed an MUI Bar Chart for visualizing financial metrics, improving profit tracking efficiency by 25%.
- Implemented **Passport.js, OAuth 2.0** for authentication, making the application universally accessible to all users.
- Utilized a tech stack that includes **React, Express.js, Node.js, and MongoDB** .

ACHIEVEMENTS

- Completed 700+ Days Of Coding Streak on Scaler
- Solved 250+ DSA and development questions

EDUCATION

Woolf University   2024
MS in Computer Science
Scaler Neovarsity

Scaler   2023
Specialized in Software Development & Problem Solving
Coursework: Data Structures & Algorithms, Full-Stack Web Development

veer kunwar singh university   2021
BCA in Computer Science