Nirzon Taru Karmakar

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SUMMARY

- Experienced full-stack web developer skilled in building high-performance, user-focused applications using modern JavaScript frameworks and technologies
- Proven ability to deliver projects with a strong emphasis on accessibility, optimization, and exceptional user experience
- Committed to continuous learning and expanding expertise
- Seeking a challenging role to apply development skills and contribute to the growth of the organization

PROJECTS

taterDash - A food delivery web app 🔗 | *NextJS, Bun, Express, MongoDB, Docker*   ⌂ GitHub

- Developed a full stack food delivery platform using Next.js for the frontend and Bun (a runtime environment similar to Node.js) with Express.js and MongoDB for the backend
- Integrated user authentication via JSON Web Token and Bun's password hashing for security
- Implemented role-based authorization for admin and user permissions
- Enabled Redux with React components to facilitate predictable and synchronized data flow for user cart
- Achieved a score of 97+ in lighthouse across all pages and routes with server side rendering and accessibility optimizations

GDisk - Inspired by Google Drive 🔗 | *ReactJS, Firebase SDK, Redux Toolkit, TailwindCSS*   ⌂ GitHub

- Created a Google Drive clone using React.js with TypeScript for the frontend and Firebase SDK for the backend
- Implemented user authentication through Firebase Authentication, leveraging Google sign-in capabilities
- Utilized Firebase Firestore for data storage and real-time updates, with a storage limit of 100 MB per user
- Integrated Tailwind CSS and shadcn/ui for responsive design and UI components, enhancing user experience
- Added searching and sorting functionalities for efficient file management

YouTube Bookmarker 🔗 | *JavaScript, TailwindCSS, Chrome API, Manifest v3*   ⌂ GitHub

- Developed a browser extension featuring one-click timestamp saving functionality
- Integrated a popup page to conveniently access and manage saved timestamps
- Enhanced bookmark display with rich YouTube i-frames for a more engaging user experience
- Supported multiple tabs and multiple YouTube pages within the extension
- Incorporated customizable themes based on user preferences

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, Java
Frameworks: React.js, Next.js, Tailwind CSS, Express, Node.js
Developer Tools: Git, Docker
Libraries: Framer Motion, GSAP
Databases: MongoDB, PostgreSQL

EDUCATION

NIMAS, affiliated to MAKAUT (9.63 CGPA)   Kolkata, West Bengal
Bachelor of Computers Application   *May 2019 – June 2022*

Kalyani Public School (74.5%)   Kolkata, West Bengal
CBSE: Science with Computer Science   *April 2017 – May 2019*

ACHIEVEMENTS

Geekathon - 1st Place   Geekster
Led Team Boat and won first place   *Leader*