Rahul Sanjeevkumar Hanje

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Education

Don Bosco Institute of Technology

2022-2026

Bachelors Engineering in Information Science [9.28]

Bengaluru, Karnataka

Rashtrotthana Vidya Kendra

2020-2022

Pre university [84.00%]

Bengaluru, Karnataka

Pragati High School

2017-2020

High School [96.80%]

Harugeri, Karnataka

Technical Skills

Adept at: C, C++, HTML, CSS, JavaScript, TypeScript, SQL

Familiar with: Python, Supabase, Monorepo, Turborepo

Frameworks: Node.js, Express.js, React.js, Next.js, Hono, Tailwind, Bootstrap

Databases/Tools: MySQL, PostgreSQL, MongoDB, VS Code, Netbeans, Git, GitHub, Docker,

Relevant Coursework

Data Structures, Database Management, Java OOPs, Operating Systems, Analysis & Design Algorithms, LaTex,

Open Source Contribution

Processing Website Project - Resolved an issue and successfully merged a pull request to the main codebase. View Pull Request

Projects

FeedbackHub | Next.js, Typescript, Tailwind CSS, Drizzle ORM, Supabase, Radix-ui, stripe, clerk • Source Code

Live

- Developed a web application for managing projects, collecting feedback, and user subscriptions. Users can create projects, embed feedback forms, and view/manage feedback.
- Project Creation: Created custom projects and generated embeddable feedback forms for website integration
- Feedback Management:Implemented dashboard functionality to collect, manage, and sort feedback with ratings.
- Embedded script generation for adding feedback widgets on users' websites.
- Engineered a straightforward widget embedding process for projects which empowered clients with immediate access to valuable feedback from end-users.

LinkNest | React, Tanstack query, React Query, Appwrite, Tailwind CSS, Shaden/ui Source Code

Live

- Developed a web application to share and discover photos, featuring secure user authentication, photos posting with location and tag with photo bio, and search functionality based on bio.
- Implemented efficient state management for the web app utilizing React Query; improved API response handling speed by reducing latency from an average of 300ms to just under 150ms through optimized queries.
- Styled the application using Tailwind CSS, ensuring a responsive and visually appealing design.
- Configured Appwrite for backend services, implementing robust user authentication protocols and optimizing database management processes, reduction in data retrieval time and enhanced overall application performance.

Solana Web Wallet Application | TypeScript, Next. Js, Shadcn/ui 🗘 Source Code

Live

- Developed a web-based wallet for creating and managing Hierarchical Deterministic (HD) wallets. to provide enhanced security and flexibility for cryptocurrency management
- HD Wallet Creation: Implemented functionality to generate HD wallets, enabling users to derive multiple wallets from a single mnemonic phrase (seed).
- Mnemonic Phrase Management: Securely generated and stored mnemonic phrases for wallet recovery.
- Public and Private Key Management: Enabled users to generate and retrieve public and private keys from their wallet.
- Facilitated the development of a multi-wallet generation feature that allowed users to create up to five distinct wallets from a single mnemonic phrase, enhancing user flexibility and experience.

Achievements

• Tapas program - Chosen as one of the top 40 students from over 4000 applicants across Karnataka.