Raman Singh

Location: Bangalore, IN

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FULL STACK DEVELOPER

Highly skilled web and app developer with nearly 1 year of experience in React Native, MongoDB, and Typescript. Proficient in frameworks such as React, Android Studio, and ExpressJS, with experience in REST APIs and MVC frameworks.

PROJECTS

Google Docs Clone *ReactJs, Nodejs, WebSockets, Quill, MongoDB* Source Code

- Implemented live cursor tracking using WebSockets, enhancing real-time visibility for collaborative editing.
- Decreased server load by 30% by employing Redis to store and efficiently retrieve documents, optimizing performance.

Placement Management System *Node.js, Express, JavaScript, Git* Source Code

- Developed a Nodejs backend for a user-friendly Placement Management System, integrating HTML, CSS, Bootstrap, and EJS
- Enabled efficient admin management of monitoring placement activities and results
- Implemented dynamic frontend elements using Bootstrap enhancing the user interface.

Scalable Chat Application *Typescript,Nodejs,Redis* Source Code

- Designed and developed a scalable real-time chat application using Socket.io, Reactjs, Redis on Aiven cloud and Turborepo.
- Utilized React Context hook to manage the states of the messages.
- Implemented Redis PUB/SUB architecture to scale the Websocket servers

TECHNICAL SKILLS

Languages	:	JavaScript, TypeScript, GoLang, Java
Frameworks	:	React.js, React Native, Express, Node.js,NestJs
Libraries	:	Tailwind CSS, Redux, React Router
Databases	:	MongoDB, PostgreSQL
Dev Tools	:	Git, Gitlab, Docker, ORM (Prisma)

EXPERIENCE

Application Developer Mar 2023 – Aug 2023
Felesys Technologies *Remote*

- Implemented a caching system in the backend architecture, resulting in a significant reduction of backend latency by 20%, thereby improving the overall performance and responsiveness of the API.
- Provided data validation rules and resolved inconsistencies in the database models, resulting in streamlined processes and improved data accuracy by 30%.
- Developed and integrated with REST APIs to retrieve and display data efficiently.

Application Developer Aug 2023 – Oct 2023
Phurti.in *Remote*

- Developed a event planning application with React Native Router Props Context providers for smooth navigation and data handling
- Boosted application performance and speed by 55% through optimization strategies.
- Developed a robust fronted in React Native that interacts seamlessly with backend API's

EDUCATION

Dayanada Sagar Academy of Technology and Management Bengaluru, IN
Bachelor of Engineering in Computer Science *Jan 2021 – May 2024*