DHRUV VERMA

Full Stack Engineer

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GitHub | Linkedin | Portfolio

EDUCATION

Allahabad State University   Prayagraj, India
Degree in Bachelors in Computer Application   2022 - 2025

EXPERIENCE

Nadcab Labs | Full Stack Engineer (Blockchain focused)   Prayagraj | Jan 2025 - Present
- Refactored legacy code of a **De-Fi app**, resulting in an clutter-free UI and re-integrated smart contract APIs leading to **30% reduction** in code complexity and increased **app performance** by **25%**.
- Developed a secure multi-signature wallet feature using **Wagmi and RainbowKit**, providing users with enhanced control and protection over their digital assets, resulting in a **95%** decrease in **security issues**.
- Developed over **20+** RESTful APIs using Node.js & Express.js, involving complex data queries using Mongoose.js and ensuring efficient data retrieval resulting in a **86%** reduction in **response time**.

Sprite-Era IT Solutions | Frontend Development Intern   Remote | Sept 2024 - Nov 2025
- Developed an **analytics dashboard** for doctors, providing key metrics such as appointments, patient footfall and feedback ratings using **React Charts** increasing patient retention by **20%**.
- Implemented appointment reservation features for patients, collecting valuable patient details and securely storing medical documents using **Firebase** improving user satisfaction by **12%**.
- Engineered dynamic forms using **React-Hook-Form** and **Yup validator** ensuring robust data validation and sanitation thus leading to a **15% reduction time** in onboarding for new doctors.

SKILLS

Programming Languages:	Javascript, Typescript
Libraries/Frameworks:	ReactJS, Tailwind CSS, Redux Toolkit, Sass(CSS), NextJS
Tools / Platforms:	Git, Github, Node JS, Express JS, Docker
Databases:	MongoDB, FireBase

PROJECTS / OPEN-SOURCE

Expensify | Link   *React-TS, Express-TS, Supabase, Prisma, Shadcn, Tanstack Query*
- **Financial Dashboard**: Provides an overview of recent expenses, remaining budget, and categorized spending summaries.
- **Expense & Budget Management**: Users can create, manage and filter expenses while setting and managing monthly budget limits using forms with **React-Hook-Form** and **Zod validator** ensuring user input data validation and sanitation.
- **Secure Backend**: Node.js + TypeScript backend with JWT authentication, APIs with advanced **data processing** and **optimized queries** for expenses and budgets, and a robust **PostgresSQL** database.
- **Reports & Visualization**: Generate monthly/yearly reports (Excel) with important metrics facilitating data portability and charts for visualizing financial insights.

TechCrux (Blog App) | Link   *MERN Stack, Firebase*
- **Authentication & Authorization**: Secure access using JWT tokens with distinct roles for Admin and Users (Role-based Access Control).
- **Admin Role**: Complete **control** over managing blog posts, comments, and users.
- **User Role**: Full **CRUD** operations for creating, reading, updating, and deleting **blog posts** and comments.
- **Firebase**: Firestore bucket for image storage solutions.
- **Modern UI**: Designed with **Flowbite** and **TailwindCSS** for a responsive and user-friendly interface.