ROSHAN RAJURKAR

Software Engineer | Full-Stack (React/NextJS, Node, PostgreSQL)

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EXPERIENCE

Mocha Technologies   Mumbai, India
Software Development Engineer 1   *Dec 2024 – Present*
- Designed and deployed a **custom fields framework** using Laravel and PostgreSQL, adopted by 10+ business forms, which increased data accuracy by 30% and reduced manual configuration time by 40%.
- Developed modular **React** and **NextJS** UI components, eliminating redundant code and accelerating feature delivery cycles by **25%**.
- Engineered a high-performance **bulk import system** with intelligent **auto-mapping** using **SQL** and **Laravel**, cutting manual data entry by **50%** and processing over **50,000 records** in minutes.
- Optimized expense management workflows by implementing advanced **filtering** in **ReactJS** and enhancing **PostgreSQL** queries, resulting in a **40%** faster dashboard search and load times.

Shrim Technolab LLP   Rajkot, India
Software Development Engineer   *Jun 2024 – Dec 2024*
- Delivered an **on-demand service platform** with **ReactJS** and **NestJS**, featuring **real-time dashboards** for inventory, services, and lead management.
- Architected **reusable UI components** with **ReactJS** and **Tailwind**, accelerating feature delivery timelines by **20%** and decreasing front-end development hours by **15 hours** weekly.
- Created interactive **revenue dashboards** using **Recharts** and **PostgreSQL**, enabling a **12%** increase in data-driven decision making.
- Optimized **API communication** and **client-side caching** using **React Query** and **NodeJS**, boosting responsiveness and application stability.

PROJECTS

SLUG Dashboard (Live) | *ReactJS, TypeScript, NestJS, NodeJS, MUI*   Mar 2024 – May 2024
- Built product and order management modules with vendor-specific access control.
- Developed search, filter, and sorting interfaces, reducing admin task time by 30%.
- Designed sales dashboards with charts, used by 50+ vendors for performance insights.

BooHook Hotel App (GitHub) | *React Native, Firebase*   Oct 2024 – Nov 2024
- Implemented hotel booking with real-time availability using Firestore.
- Built secure authentication with Firebase Auth and state management using Redux.
- Added search, booking, and map views with dynamic filters; app handled 500+ daily searches.

TECHNICAL SKILLS

Languages: C++, JavaScript, TypeScript, PHP, SQL
Frontend: ReactJS, NextJS, Tailwind CSS, Material UI, Chakra UI, Redux, React Query
Backend: NodeJS, Laravel, PostgreSQL, Firebase, AWS S3
Tools: Git, JIRA, Figma, Jest, SonarCube
Core Concepts: Data Structures & Algorithms, OOP, Database Systems, Operating Systems, Computer Networks

EDUCATION

G.H. Raisoni Institute of Engineering and Technology   Nagpur, India
B.Tech in Computer Science and Engineering   *2020 – 2024*
Jeevan Vikas Vidyalaya   Umred, India
Higher Secondary Certificate (HSC)   *2019 – 2020*

ACHIEVEMENTS

- Ranked **1412 globally** in **LeetCode Biweekly Contest 164** and solved **200+ problems**, demonstrating strong algorithmic skills.