PRATHAM GUPTA

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WORK EXPERIENCE

TRIANZ | Software Engineer - Frontend   Bangalore | Sep 2021 – Now

Entrust - GetAccess | React, Redux Toolkit, React Router DOM, Material UI, TypeScript, Vite

- Led a team of **5 developers** to migrate the existing codebase from **AngularJS** to **React**, achieving a **50% reduction in page load time** and a **40% increase in performance**, while reducing bug reports by **25%** in the first quarter.
- Directed the team in adopting **Agile methodologies**, achieving a **30% increase in delivery speed** and significantly enhancing code quality, resulting in a **25% decrease in post-deployment bugs**.
- Developed a comprehensive unit testing strategy utilizing **Vitest** and **React Testing Library**, resulting in a **45% reduction in bug rates** pre-production.
- Conducted code reviews and performance assessments, achieving a **35% decrease in production bugs** and a **20% boost in code quality** across the development team.
- Facilitated a series of internal workshops on **ReactJS** and **Redux** to upskill the development team, resulting in a more efficient and cohesive unit.

Entrust - Identity as a Service (IDaaS) | React, Redux, Material UI, TypeScript, Webpack

- Collaborating with back-end developers to implement **RESTful APIs**, optimizing data flow and accelerating the delivery of new features by **15%**, enhancing overall product functionality.
- Revamped the **admin dashboard UI** using **ReactJS** and **Material UI**, optimizing **user experience** and incorporating enhanced **data visualizations** with **Recharts**, resulting in a **15% improvement** in **performance metrics**.
- Implemented **role-based authorization** by managing **user permissions** with **Redux**, resulting in a **30% improvement in access control efficiency** and ensuring secure and efficient access across **20+ roles**.
- Revamped existing table component using **Tanstack React Table** and **Material UI**, significantly enhancing user experience and driving a **45% increase in user satisfaction ratings**.
- Executed comprehensive unit testing using **Jest** and **React Testing Library**, elevating **code coverage to 95%** and minimizing bug incidence by **30%** before deployment, enhancing code quality and reliability.
- Enhanced form reliability by utilizing **React Final Form**, achieving **100% UI validation coverage** and a **43% reduction in submission errors**, significantly improving user experience.
- Contributed to a **React component library @edc/react-ui** that standardized design elements across **10+ projects**, improving **development speed by 40%** and reducing **UI inconsistencies by 30%**.

PERSONAL PROJECTS

ANSWER HUB - AI POWERED Q/A PLATFORM ⬈   NextJS, React, MongoDB | Github

AI Powered community-driven Q/A platform for developers, Built with **Next.js 14** (App Router), **React**, **TypeScript**, **MongoDB**, **Shadcn UI**, and **Tailwind CSS**. Integrated **Clerk Next.js** for seamless authentication, and utilized **React Hook Form** with **Zod** for advanced form validation. Incorporated **AI-powered** answers using the **ChatGPT API**.

FILMFLIX - PERSONALIZED MOVIE APP ⬈   ReactJS, Redux, Material UI | Github

Personalized Movie App, Built with **React.js**, **Redux Toolkit**, **Material UI**, and **React Router DOM** for seamless routing. Integrated **TMDB APIs** for seamless data retrieval and secure user authentication, employing **RTK Query** for optimized API interactions.

EDUCATION

Bachelor of Technology, B.Tech (Electronics Engineering)   Pune | 2021
Bharati Vidyapeeth Deemed University College of Engineering

SKILLS

Programming Languages: HTML, CSS, JavaScript (ES6+), TypeScript
Frameworks and Libraries: ReactJS, Redux, NextJS, NodeJS, Jest, React Testing library, Material UI, Tailwind CSS
Technologies: MongoDB, Git Version Control, Docker, Jenkins
Tools and Platforms: Webpack, Babel, Linux, Git Hub, Bitbucket, JIRA, Confluence, Vercel, Netlify