PRATHAM GUPTA

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WORK EXPERIENCE

TRIANZ | Software Engineer - Frontend   Bangalore | September 2021 – Present

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 **15% decrease in post-deployment bugs**.
- Developed a comprehensive unit testing strategy utilizing **Vitest** and **React Testing Library**, resulting in a **25% reduction in bug rates** pre-production.
- Conducted code reviews and performance assessments, achieving a **15% 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**, significantly **upskilling** the development team and improving **code quality metrics by 20%**, demonstrating a measurable boost in overall **development efficiency**.

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 **React.js** 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**.
- 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%**.
- Executed comprehensive unit testing using **Jest** and **React Testing Library**, elevating **code coverage to 95%** and minimizing bug incidence by **20%** before deployment, enhancing code quality and reliability.
- Enhanced form reliability by utilizing **React Final Form**, achieving **100% UI validation coverage** and a **40% reduction in submission errors**, significantly improving user experience.

PERSONAL PROJECTS

ANSWER HUB - AI POWERED Q/A PLATFORM ⤴   Next.js, MongoDB, Tailwind CSS | Github

AI-powered, community-driven Q/A platform for developers, built with **Next.js 14**, **React**, **TypeScript**, **MongoDB**, **Shadcn UI**, and **Tailwind CSS**. Integrated **Clerk Next.js** for seamless user authentication and leveraged **React Hook Form** with **Zod** for robust form validation. Enhanced the platform with **AI-powered answers** using the **ChatGPT API**.

FILMFLIX - PERSONALIZED MOVIE APP ⤴   React.js, Redux Toolkit, Material UI | Github

Personalized movie application built using **React.js**, **Redux Toolkit**, **Material UI**, and **React Router DOM** to ensure seamless navigation and user experience. Integrated **TMDB APIs** for efficient data fetching and secure user authentication. Leveraged **RTK Query** to optimize API interactions, enhancing performance and reducing load times.

EDUCATION

Bachelor of Technology, B.Tech (Electronics Engineering)   Pune | CGPA: 9.60 | 2017-2021

Bharati Vidyapeeth Deemed University College of Engineering

SKILLS

Languages: HTML, CSS, JavaScript (ES6+), TypeScript
Frameworks & Libraries: React.js, Redux, Next.js, Node.js, Material UI, Tailwind CSS, Jest, React Testing Library, React Final Form
Databases & Technologies: MongoDB, Docker, Jenkins, Git
Tools & Platforms: Webpack, Vite, Babel, GitHub, Vercel, Netlify, Linux, Bitbucket, JIRA, Confluence