Praneeth Gunturu

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Professional Summary

Results-driven Software Developer with over 4 years of experience building responsive and scalable web applications using React.js. Strong proficiency in JavaScript, HTML, CSS, and modern UI/UX principles, with hands-on experience in state management and component-based architecture. Familiar with full-stack concepts, including Node.js and Express.js, but primarily focused on front-end development. Passionate about writing clean, efficient code and optimizing performance to enhance user experience. Eager to contribute to innovative projects and grow as a developer.

Technical Skills

Languages:	JavaScript, TypeScript, Python, Java, C, SQL
Technologies:	JavaScript, TypeScript, ES6+, React.js, Node.js, HTML5, CSS3, TailwindCSS, Context API, React Native, React Router, Redux, Framer motion, GraphQL, AWS
Cloud & DevOps:	AWS EC2, S3, Lambda, IAM, CloudWatch, CI/CD
API & Integrations:	RESTful APIs, Fetch, Axios, React Query, GraphQL, Postman
Testing & Debugging:	Jest, React Testing Library, Chrome Dev Tools, Redux Dev Tools
Databases:	MongoDB, Firebase, Postgres, MySQL, S3
Frameworks:	NextJS, ExpressJS
IDE and Build Tools:	VS Code, Eclipse, IntelliJ, NetBeans, Jira, Vite, npm, yarn, expo, Android Studio, Xcode, shadcn, clerk, webpack, Babel, Vercel
Version Management:	Git, GitHub
Web Services:	REST, JSON, GraphQL

Professional Experience

Software Developer, Remote   June 2024 – present
MetaHub IT Solutions INC

- Developed and implemented a cross-platform application using React for web and React Native for iOS and Android, ensuring consistent performance and user experience across all platforms.
- Deployed the application on AWS EC2 with S3 for storage, configured IAM roles and CloudWatch for monitoring, and automated CI/CD pipelines with GitHub Actions.
- Implemented AWS Lambda functions for serverless operations such as background jobs, API triggers, and data processing, reducing server load and improving scalability.
- Designed scalable, modular system architecture with Node.js, Express.js, Context API, and MongoDB, enabling efficient state management and secure data handling.
- Integrated RESTful APIs for backend services and data communication across platforms.
- Leveraged React Query, Axios, and Fetch APIs for advanced data management (caching, pagination, optimistic updates, background re-fetching).
- Built responsive UIs with HTML5, CSS3, TailwindCSS, Flexbox, and Grid, adopting a mobile-first design with cross-browser compatibility.
- Followed W3C standards and WCAG accessibility guidelines, using semantic HTML and ARIA attributes to improve accessibility.
- Achieved 90% test coverage using Jest and React Testing Library, reducing post-release defects by 30%.
- Utilized React Native Debugger, Chrome DevTools, and Redux DevTools to diagnose issues, optimize performance, and ensure stability.

Software Engineer, Bangalore   June 2021 – July 2023
iOPEX Technologies

- Developed and maintained a real-time customer account portal for telecom applications, implementing React and Redux for dynamic updates, improving performance by 40%.

- Automated builds and deployments with Jenkins CI/CD pipelines, using Git/GitHub for version control and Jira for Agile project management.
- Optimized data fetching with RESTful APIs via Axios and managed side effects using React Hooks (useEffect, useMemo, useCallback), reducing latency by 15%.
- Enhanced application performance by integrating WebSockets with Node.js and Postgres as the database, achieving sub-second real-time updates.
- Designed responsive UI components with TailwindCSS, CSS3, Flexbox, and Grid, ensuring a 98% user satisfaction rate across devices and browsers.
- Achieved 95% test coverage with Jest and React Testing Library, ensuring stable and reliable releases.

Education

Master's in Computer Science (GPA: 3.75/4.0) | Texas A&M University - Corpus Christi

Key Projects

SmartHire AI: AI-Powered Interview Preparation Platform
- Developed a full-stack web app using ReactJS (TS), Firebase, and Google Gemini AI for AI-driven interview simulations.
- Implemented Clerk authentication, speech-to-text feedback, and a modern UI with Shadcn for interactive UI.

All App: React concepts showcase through mini projects
- Built a modular React application featuring mini projects for core concepts like hooks, context, routing, and state management, organized for easy understanding and reuse.
- Developed custom, reusable components across the app, designed for integration into larger projects to promote code reusability and scalability.

Certifications

- **AWS Certified Developer – Associate** – Amazon Web Services.
- **React – The Complete Guide** - React.js, Hooks, Redux, Next.js, TypeScript, and best practices.
- **React Native – The Practical Guide** – React Native, Android, and iOS mobile UI design, React Navigation.
- **Career Essentials in GitHub** – GitHub, Actions, Collaboration, Copilot, Agile Project Management.
- **Atlassian Agile Project Management** – Jira, Agile Methodologies, Agile Project Management, Scrum.
- **The Complete React Developer Course** - React, core concepts, Redux, Webpack, Babel, and deployment.
- **Understanding TypeScript** – Core concepts, real-world projects, usage with React/Node.js.
- **The Modern JavaScript Bootcamp** - Hands-on experience in ES6/ES7 and real-world projects.