Manohar Kakumani Frontend Developer

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Summary

Experienced Frontend Developer with 3+ years of strong expertise in building responsive and scalable web applications using React.js, JavaScript, and TypeScript. Proficient in state management with Redux and Context API, API integration, and implementing secure authentication. Skilled in UI design with Material UI and SCSS, ensuring accessibility compliance and optimized performance. Adept at testing with Jest and Cypress, and familiar with cloud services like AWS for monitoring and deployment. Collaborative team player with a strong focus on agile practices and delivering high-quality user experiences.

Technical Skills

- **Frontend**: React.js, React Native, JavaScript (ES6+), TypeScript, HTML5, CSS3, SCSS, Material UI, ViteJs, Webpack
- **State Management & Routing**: Redux.js, React Context API, React Router
- **Databases**: MongoDB, Mongoose, NoSQL, Postgres, SQL, MySQL, RDBMS, Supabase
- **Cloud & DevOps**: AWS (S3, EC2, VPC, Lambda, IAM, CloudWatch, CloudFormation), Microsoft Azure, Digital Ocean, Firebase, Docker, Nginx, CI/CD
- **Testing & Automation**: Jest, React Testing Library, Cypress
- **Version Control & Collaboration**: Git, GitHub, JIRA, Confluence
- **Design & Prototyping**: Figma, Canva, Sketch, Wireframing, Prototyping
- **Other Technologies**: Python, PHP, C/C++, MATLAB, Elixir, Arduino, LLM, TCP/IP, Websockets
- **Methodologies & Tools**: Agile, Data Structures & Algorithms, Office365 (PowerPoint/Keynote/Slides), Power BI, Linux/Unix, Web Development

Professional Experience

Software Developer, *State Street Corporation*   05/2024 – Present | Remote, USA

- Worked on creating a seamless digital onboarding experience for institutional investors, collaborating with product managers, UX designers, and backend teams through agile ceremonies and detailed requirement gathering sessions, utilizing Figma for mockups and design feedback loops.
- Developed a step-by-step onboarding wizard using React, Formik, and Yup for dynamic form fields and real-time validation, ensuring robust client-side input handling and smooth multi-step navigation with React Router and Material UI components.
- Integrated RESTful APIs for automated client KYC/AML verification using Axios and handled authentication and authorization via AWS Cognito, improving security and streamlining backend communication for real-time data validation and client profile updates.
- Improved form state management, session persistence, and error handling using React Context API and local/session storage, executing graceful loading spinners, retry logic, and error boundaries to enhance UX and keep form data integrity. led A/B testing to optimize form layout and flow.
- Collaborated closely with QA engineers to automate testing using Jest and React Testing Library, documented component architecture and onboarding flow in Confluence, while supporting User Acceptance Testing (UAT) with key stakeholders and leveraging AWS CloudWatch for monitoring frontend performance and error tracking.
- Achieved a 40% reduction in onboarding time and a 25% increase in digital adoption over manual processes, significantly decreasing support requests by enhancing usability and reliability, resulting in improved client satisfaction and operational efficiency.

Assistant Systems Engineer, *Tata Consultancy Services*   01/2021 - 06/2022 | Bangalore, KA, India

- Enhanced user experience and application efficiency by developing and maintaining enterprise-level React.js applications, leveraging modern JavaScript, React Hooks, and Redux.
- Reduced page load time significantly by optimizing application performance through code refactoring, efficient component structuring, and implementing responsive design principles.
- Streamlined deployment processes by collaborating with cross-functional teams to implement AWS environments, integrating RESTful APIs, and managing application state.
- Ensured consistent, repeatable, and secure setups by deploying applications on AWS and configuring CloudFormation templates.
- Reduced frontend troubleshooting time by providing hands-on technical support and proactive issue resolution through root cause analysis and participation in code reviews.

Jr. Frontend Developer, *Tata Consultancy Services*   01/2020 - 12/2020 | Remote, India

- Assisted on the Digital Financial Planning Portal Revamp project. Collaborated in Agile teams to gather requirements, migrated 100% of legacy JSP/AngularJS components to React.js + TypeScript, and built reusable, accessible UI with Material UI and Figma designs.
- Integrated backend APIs using Axios for 100% real-time client data exchange, implemented Redux for state handling, configured OAuth 2.0 for role-based access control, and ensured complete compatibility with backend services powered by Java and Node.js.
- Achieved 95% unit and E2E test coverage using Jest and Cypress, styled all components with SCSS, ensured 100% WCAG accessibility compliance, and contributed to code reviews, Git workflows, and CI/CD deployments using Jira for task management.

Education

Master of Science in Information Technology   01/2023 – 12/2024 (Expected)
Gannon University, Erie, PA, USA
Bachelor of Technology in Electronics and Communication Engineering   07/2016 – 05/2020
K L University, Guntur, Andhra Pradesh, India

Certificates

Advanced React (Meta via Coursera) | Credential: L558CEYR8UBC
Programming with JavaScript (Meta via Coursera) | Credential: 9KJ81LQT47Z3
Version Control (Meta via Coursera) | Credential: RMT8JMGPLQIF
HTML and CSS in Depth (Meta via Coursera) | Credential: FXCKDBLV5HWQ