Chris Shetty

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PROFESSIONAL SUMMARY

-Over 6 years of experience in front-end development, specializing in building modern web applications using HTML5, CSS3, JavaScript, and React.js.

-Proficient in creating responsive, user-friendly interfaces and single-page applications with a focus on performance and cross-browser compatibility.

-Experienced in integrating and managing global state using Redux, ensuring efficient state management in complex React applications.

-Skilled in developing scalable, maintainable codebases by creating modular and reusable React components.

-Strong background in API integration using Axios to fetch and update data, ensuring real-time synchronization between front-end and back-end systems.

-Adept at implementing data visualization techniques using Chart.js and D3.js to present complex data in an intuitive and interactive manner.

-Experienced in performance optimization strategies, including code-splitting, lazy loading, pagination, and virtualization to enhance application load times and user experience.

-Knowledgeable in accessibility standards, ensuring applications adhere to WCAG guidelines for users with disabilities.

-Proficient in unit testing using Jest and React Testing Library to maintain high code quality and reliability.

-Strong collaborator, having worked closely with cross-functional teams, including backend developers, UX/UI designers, and product managers, to align development efforts with business objectives and user requirements.

-Experienced in Agile methodologies, actively participating in sprint planning, daily stand-ups, and retrospectives to ensure timely delivery of features and continuous improvement of development processes.

SKILLS

PROGRAMMING LANGUAGES:	JavaScript | TypeScript | HTML5 | CSS3 | Java | Python | SQL
FRAMEWORKS & LIBRARIES:	React.js | Node.js | Express.js | Sass | jQuery
TOOLS & TECHNOLOGIES:	Git | Webpack | Babel | Jira | Postman
DATABASES:	MySQL | MongoDB | PostgreSQL | Oracle Database
STATE MANAGEMENT:	Redux | Context API
DATA VISUALIZATION:	Chart.js | D3.js

CERTIFICATIONS

- AWS Certified Cloud Practitioner

PROFESSIONAL EXPERIENCE

REACT DEVELOPER
The Raymond Corporation - Greene, NY | | January, 2024 – Present

Project: Warehouse Management System (WMS)

The Warehouse Management System (WMS) at The Raymond Corporation is a comprehensive platform designed to optimize warehouse operations, including inventory tracking, order processing, and shipment coordination. The system provides real-time data visualization and analytics, enabling managers to make informed decisions and enhance overall efficiency.

Key Responsibilities:

- Inventory Monitoring UI: Built reusable React components for live inventory monitoring and low-stock alerts with responsive design across browsers.
- Real-Time Data Fetching: Implemented real-time inventory updates using Axios with an interval-based fetch (every 10 seconds) for up-to-date stock levels.
- Data Visualization: Used Chart.js (Bar charts) to visualize inventory trends and display alerts when thresholds are breached.
- Physical Inventory Audit: Developed a component for forklift operators to log inventory changes; optimized performance with UI virtualization and backend API pagination.
- Role-Based Access Control (RBAC): Restricted user views and actions based on roles to ensure secure and contextual UI access.
- CI/CD Pipelines: Contributed to automated CI/CD workflows using GitHub Actions and Docker for streamlined deployment.
- Unit Testing: Wrote unit tests with Jest and React Testing Library to validate components and logic.
- End-to-End Testing: Performed E2E testing using Cypress to simulate user interactions and validate the inventory update flow.
- Collaboration: Worked closely with backend, QA, and design teams to deliver features aligned with warehouse operational needs.
- Agile Practices: Participated in Agile ceremonies including sprint planning, stand-ups, and retrospectives for iterative delivery.

REACT DEVELOPER
Arnot Health - Elmira, NY | | February, 2023 – December, 2023

Project: Epic Electronic Health Record (EHR) System

The Epic Electronic Health Record (EHR) System at Arnot Health is a comprehensive platform designed to centralize patient medical records, facilitating seamless information sharing among healthcare providers and enhancing the quality of patient care. The system integrates various aspects of patient information, including medical history, treatment plans, and test results, into a unified interface.

Key Responsibilities:

- Front-End Development: Developed responsive user interfaces using React.js, JavaScript (ES6) , HTML5, and CSS3, ensuring compatibility across devices and browsers.
- Patient Record Interface: Designed intuitive modules for healthcare providers to access and manage patient records efficiently, streamlining clinical workflows.
- Clinical Decision Support Tools: Integrated real-time alerts and reminders to assist clinicians with diagnosis and treatment decisions.
- State Management: Employed Redux to maintain consistent state flow and synchronize data across components.
- API Integration: Used Axios to securely fetch and update patient data via RESTful APIs in real-time.
- PDF Rendering: Integrated PDF.js to display lab reports and prescriptions directly within the application, eliminating the need for external viewers.
- Accessibility Compliance: Ensured adherence to WCAG guidelines and utilized tools like aXe and Lighthouse to verify compliance with WCAG 2.1 AA standards for critical healthcare modules.
- Data Visualization: Used Chart.js to present complex health metrics in visually digestible formats for clinical interpretation.
- Performance Optimization: Applied lazy loading, code-splitting, pagination, and virtualization to optimize performance and user experience.
- Testing and Debugging: Maintained high-quality standards with unit tests using Jest and React Testing Library.
- Collaboration: Worked closely with designers, backend developers, and healthcare professionals to align development with clinical requirements.
- Agile Methodologies: Participated in Agile ceremonies including sprint planning, daily stand-ups, and retrospectives to ensure smooth and timely delivery of features.

FRONTEND DEVELOPER
Larsen & Toubro (L&T) - Mumbai, India | | February, 2020 – July, 2022

Project: Human Resource Management System (HRMS) Enhancement

Larsen & Toubro (L&T) implemented a cloud-based Human Resource Management System to streamline HR processes for its diverse workforce. This system encompasses modules for employee records, performance management, recruitment, and training, aiming to enhance operational efficiency and employee engagement.

Key Responsibilities:

- Front-End Development: Built dynamic interfaces using React.js and JavaScript (ES6), ensuring responsiveness and cross-browser compatibility.
- Component Refactoring: Migrated class components to functional components using Hooks for improved maintainability.
- State Management: Utilized Context API for lightweight global state handling in smaller modules and less frequent updates.
- API Integration: Integrated RESTful APIs via Axios to sync employee data, performance records, and leave history.
- Data Visualization: Built interactive dashboards with D3.js to visualize HR metrics like training completion rates and attrition trends.

- Multilingual Support: Integrated react-i18next to enable seamless localization for L&T's global teams, improving usability across regions.
- Performance Optimization: Applied lazy loading, pagination, and code-splitting to improve performance in heavy modules.
- Testing & Debugging: Wrote unit tests with Jest and React Testing Library to ensure stable functionality during rollouts.
- Collaboration: Worked with designers and HR stakeholders to align feature development with business objectives.
- Agile Practices: Participated in sprint planning, backlog grooming, and retrospectives in an Agile Scrum environment.

REACT DEVELOPER
Cipla Ltd. – Mumbai, India | February 2019 – January 2020

Project: Manufacturing Execution System (MES) Implementation

A digitization project for real-time monitoring of shop-floor operations, production metrics, and batch tracking to improve manufacturing efficiency.

Key Responsibilities:

- Front-End Development: Developed responsive interfaces using React.js and JavaScript (ES6), optimized for both desktops and tablets used on shop floors.
- Component Development: Built reusable components for visualizing machine states, production KPIs, and real-time alerts.
- Form Builder: Developed a custom form builder to dynamically generate inspection and batch tracking forms based on configurable SOP rules.
- QR Code Integration: Integrated QR code scanning functionality using third-party libraries to enable operators to scan and track batch IDs efficiently.
- State Management: Used Context API for managing local machine-level state and React Hook Form for form validation.
- API Integration: Synchronized operational data with backend APIs using Axios and implemented secure authentication flows.
- Performance Tuning: Employed lazy loading and memoization to maintain responsiveness in high-traffic usage.
- Testing: Conducted unit testing with Jest and React Testing Library, ensuring robust component logic and reliability.
- Team Collaboration: Worked closely with the backend and manufacturing teams to ensure technical alignment with plant operations.
- Agile Practices: Participated in sprint activities, user story grooming, and documentation under a hybrid Agile/Kanban model.