Girisree Yetukuri

Email: ygirisree@gmail.com | Phone: 267-376-1203 | Location: Sterling, Virginia

SUMMARY

- React Developer with 5 years of experience building scalable, performant, and responsive web applications, with a strong focus on frontend technologies.
- Deep expertise in React, including component lifecycle, functional components, hooks, Context API, and custom hooks for reusable and maintainable code.
- Proficient in JavaScript (ES6+), TypeScript, HTML5, CSS3, with advanced state management using Redux, Redux Toolkit, and middleware integrations such as Redux Thunk for efficient data handling in complex applications.
- Skilled in designing reusable UI components and implementing design systems using Material UI, Tailwind CSS, and Bootstrap.
- Integrated RESTful APIs and WebSockets for data consumption and real-time updates, with practical backend development experience using Node.js, Express, and Redis for API development and caching solutions.
- Knowledge of databases including SQL (PostgreSQL, MySQL), supporting frontend-backend communication.
- Managed deployments for internal SharePoint projects and cloud-based applications, with frontends on Azure Static Web Apps and backend APIs on Azure App Service; implemented CI/CD pipelines using GitHub Actions and Azure DevOps.
- Hands-on experience with unit and integration tests using Jest and React Testing Library, and end-to-end testing with Cypress, ensuring reliable frontend code quality.
- Experienced in Git version control, including branching strategies, pull requests, and collaborative workflows in Agile/Scrum teams.
- Applied performance optimization techniques like lazy loading, code splitting to enhance frontend application performance.
- Excellent team collaboration, problem-solving, and communication skills, with proven success delivering results in Agile environments.

SKILLS

Frontend Core: React, JavaScript(ES6+), TypeScript, HTML5, CSS3, SCSS

State Management & Data: Redux Toolkit, React Query, Context API

UI & Design Systems: Material UI, Tailwind CSS, Responsive Design, Accessibility (ARIA)

API & Data Fetching: RESTful APIs, WebSockets, Axios, GraphQL(Apollo Client)

Backend: Node.js, Express.js, Redis

Databases: MySQL, PostgreSQL

Testing Tools: Jest, React Testing Library, Cypress(E2E)

Version Control & CI/CD Tools: Git, GitHub, GitHub Actions, Azure DevOps, Docker

Cloud Services: Azure Static Web Apps, SharePoint, Azure App Service

EXPERIENCE

Frontend Developer | Health Recovery Solutions

Hoboken, New Jersey (Remote) | November 2023 – Present

Health Recovery Solutions (HRS) is a healthcare technology company providing remote patient monitoring (RPM) and telehealth solutions to improve patient outcomes. Developed a logistics operations dashboard to manage the full lifecycle of RPM medical device kits, including shipment tracking, returns processing, and inventory management across multiple healthcare facilities.

- Developed and maintained a real-time operations dashboard using React with functional components, custom hooks, and Redux Toolkit with Redux Thunk middleware to manage complex global state, synchronizing live shipment, inventory, and return data across multiple components and user workflows.
- Built a real-time alert and notification system for delayed shipments using WebSockets with Node.js backend, implementing Redis pub/sub for message distribution across multiple server instances, enabling instant updates for 200+ concurrent users.
- Created interactive data visualizations using Apache ECharts (line charts, bar charts, gauges) and dynamic tables with React Table featuring sorting, filtering, pagination, and export capabilities to monitor logistics KPIs, shipment trends, and inventory levels.
- Translated UX/UI designs into production-ready, reusable React components combining Material UI and Tailwind CSS, ensuring accessibility (ARIA attributes), cross-browser compatibility, and consistency across the dashboard.
- Optimized rendering performance with React.memo, lazy loading, and virtualization, improving dashboard responsiveness by 40% and reducing load times for large datasets.
- Utilized React Query for client-side caching, error handling, and background data synchronization, reducing redundant API calls and improving perceived performance.
- Ensured frontend stability and reliability through unit and integration testing using Jest and React Testing Library, covering key workflows and UI components.
- Managed code using Git and GitHub with feature branch workflows, and deployed on Azure Static Web Apps via GitHub Actions for automated CI/CD; collaborated with backend team on Docker-based API deployments to Azure App Service.
- Followed Agile/Scrum practices, attending daily stand-ups, sprint planning, and retrospectives, collaborating closely with backend engineers, QA, UX designers, and product managers.

Associate Software Engineer | Accenture

Bengaluru, India | August 2022 – August 2023

Developed a talent allocation platform to manage consultant assignments, track availability, and optimize resource utilization across client projects. The platform replaced email-based staffing requests and Excel trackers with a centralized system providing real-time visibility into consultant availability and project assignments.

- Built a React SPA using TypeScript, architecting modular features for consultant profiles, project assignments, availability tracking, and analytics.
- Implemented an interactive drag-and-drop interface with real-time availability indicators and conflict alerts to prevent double-booking.
- Created a skill-matching search component with debounced filtering by skills, certifications, experience, and location.
- Developed an analytics dashboard with Recharts, visualizing utilization rates, available resources by skill, and project timelines.
- Optimized performance using React.memo, lazy loading, and code-splitting, reducing initial load time by 30%.
- Designed GraphQL queries for flexible talent search functionality, enabling clients to request specific consultant data fields and reducing unnecessary data transfer.
- Collaborated with UX designers to implement responsive layouts from Figma designs. Wrote unit tests using Jest and React Testing Library, achieving 75% test coverage for critical components.
- Deployed the React frontend on Azure Static Web Apps, connected to backend APIs hosted on Azure App Service, with CI/CD pipelines configured through Azure DevOps.
- Participated in Agile sprints with planning sessions, daily stand-ups.

Junior React Developer | Nextbrain

Bengaluru, India | August 2021 – June 2022

Developed an internal request management system designed to streamline workflow tracking for client projects and internal operations, enabling clients and cross-functional teams to submit requests, track progress through multiple stages, and maintain accountability with role-specific dashboards and real-time status updates.

- Built a multi-page React application using JavaScript, React Hooks, Context API, and React Router for modular state and navigation management.
- Designed responsive UIs with HTML5, CSS3, and SCSS, ensuring consistency, accessibility, and cross-browser compatibility.
- Implemented role-based dashboards and dynamic form components with real-time validation, drag-and-drop uploads, and status tracking.
- Integrated RESTful APIs using Axios and optimized performance through lazy loading, code-splitting, and maintained reusable UI patterns.
- Wrote unit tests with Jest and React Testing Library to ensure component reliability, and managed code via Git and feature branch workflows.
- Deployed the application as a custom SharePoint web application integrated with Active Directory, enabling seamless internal authentication and access management.
- Collaborated with backend developers on REST API integration using Axios, contributing to Node.js endpoint design for form submissions and status updates.
- Collaborated in an Agile team, contributing to sprint planning, daily stand-ups, and QA coordination for testing and issue resolution.

EDUCATION

Master of Science in Computer Science | Rowan University

Glassboro, New Jersey