Yogeswara Rao Sakalabhaktula

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Summary

Full Stack Developer with over 3 years of experience in designing and developing robust web applications and websites across the full technology stack. Proficient in front-end technologies including HTML, CSS, JavaScript, TypeScript, Angular, Vue.js and React.js, as well as back-end development using Node.js. Skilled in building full-stack applications using PostgreSql, Express.js, React.js, and Node.js.

Skills

- **Frontend:** JavaScript, TypeScript, React.js, Next.js, Angular, Vue.js, HTML, CSS, SCSS, Responsive Design
- **Backend:** Node.js, PHP, REST APIs, MySQL
- **Tools & Platforms:** Git/GitHub, AWS, Figma, Webpack, Postman, CI/CD Pipelines, Playwright
- **Other:** Performance Optimization, Webflow, jQuery

Experience

Imaginnovate Techsolutions | Visakhapatnam
Software Engineer | 03/2022 – Present

- Developed and maintained user interface components using React Js, Angular, Vue.js, JavaScript, and TypeScript to enhance performance and usability
- Collaborated with UX/UI designers to translate wireframes and mockups into fully functional web application
- Designed and implemented RESTful APIs with Node.js
- Improved website & web application performance by optimizing rendering speed, reducing load times, and implementing lazy loading
- Ensured cross-browser compatibility and mobile responsiveness using CSS best practices
- Integrated and maintained REST APIs to enable seamless communication between frontend and backend systems
- Developed and executed end-to-end automation tests using Playwright to ensure application stability and quality.
- Managed Git repositories, performed code reviews, and ensured adherence to software development best practices

Projects

Blended Sense – One-stop-shop for all your video needs

Tech Stack: Vue.js, Typescript, REST APIs

- Developed and deployed a responsive web application using Vue.js and TypeScript, improving system efficiency and user experience.
- Designed and implemented modular and reusable UI components, ensuring accessibility and seamless user interaction across devices.
- Integrated RESTful APIs to enable real-time data exchange and dynamic content rendering, in close collaboration with backend teams.
- Implemented payment integration to support secure and seamless transactions within the platform.
- Built messaging conversation features to facilitate real-time communication between users.
- Developed and optimized video viewing components, ensuring smooth playback and responsive design.
- Leveraged state management strategies and services to maintain clean data flow and improve maintainability.
- Participated in code reviews and CI/CD pipelines, promoting high code quality and efficient deployment workflows.
- Conducted unit testing with Vue Test Utils and Jest, ensuring reliable UI behavior and maintaining robust test coverage.

Shipper of Choice – A Comprehensive Online Platform

Tech Stack: Angular, React Js,TypeScript,Wordpress, REST APIs

- Developed and deployed a responsive web application using Angular, improving system efficiency and user experience.
- Designed and implemented intuitive UI components, ensuring a seamless and accessible user interface. Created landing pages by using wordpress.
- Integrated RESTful APIs to handle real-time data interactions, collaborating closely with backend developers for optimized performance.
- Implemented state management using RxJS and services to enhance data flow and maintainability. Integrated third-party services such as Trimble Maps for advanced mapping solutions and SmartKey for secure access management.
- Optimized performance by reducing page load times and improving component reusability.
- Actively participated in code reviews and CI/CD processes, ensuring high code quality and smooth deployment. Conducted unit testing with Jasmine/Karma, maintaining 80% test coverage for reliable UI functionality.

Southern Baptist Disaster Relief

Tech Stack: Angular, TypeScript, REST APIs, Leaflet Maps

- Built and deployed a responsive web application using Angular and TypeScript to streamline disaster relief operations.
- Integrated Leaflet Maps to provide interactive geographic visualizations, including custom markers for incident locations, resources, and affected areas.
- Consumed RESTful APIs to fetch and display real-time data on the map, enhancing situational awareness and operational planning.
- Designed reusable and accessible UI components to ensure a consistent user experience across devices.
- Implemented services and RxJS-based state management for efficient data flow and maintainability.
- Collaborated with backend developers to optimize API interactions and overall application performance.
- Participated in agile development processes, including sprint planning, code reviews, and deployments.

Fleetenable - Final mile management system

Tech Stack: React.js, TypeScript, REST APIs, Playwright

- Developed a scalable and responsive web application using React.js and TypeScript to manage fleet operations effectively.
- Built modular and reusable UI components to ensure maintainability and consistent user experience.
- Integrated RESTful APIs for real-time data communication between frontend and backend services, enabling dynamic updates and improved performance.
- Implemented form validations, filters, and dynamic tables to handle large datasets efficiently.
- Applied state management using React hooks and context to streamline data flow across components.
- Worked closely with the backend team to define API contracts and optimize request handling.
- Created and maintained end-to-end automated test suites using Playwright to validate critical user flows and ensure application reliability.
- Participated in version control, pull requests, and CI/CD pipelines to ensure clean, production-ready code.
- Focused on performance optimization and accessibility to meet user and business requirements.

Education

Dr. B.R Ambedkar University, Srikakulam
Bachelor of Science (B.Sc) in Mathematics, Chemistry, Computer Science (MCCS) | 03/2020