Malav Rana

Software Engineer

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PROFESSIONAL SUMMARY

Frontend Engineer with 4 years of experience in React.js, Angular, Vue.js and Next.js. Proficient in HTML5, CSS, Tailwind CSS, and JavaScript. Skilled in RESTful APIs, Webpack, and GraphQL for creating responsive web applications. Experienced with testing libraries like Jest and React Testing Library, and environments including Git, AWS, Docker, and Jenkins. Passionate about innovative solutions and team collaboration.

EDUCATION

Montclair State University | Montclair | New Jersey

Bachelor of Science in Computer Science

September 2016 – May 2020

TECHNICAL SKILLS

Front-End Technologies: React.js, Angular, Next.js, HTML5, CSS, Tailwind CSS, Node.js, Vue.js, jQuery, Bootstrap, WordPress, XML, AJAX, Drupal
Programming Languages: JavaScript, SQL, PHP, Scala, Python, Java
Web Technologies: RESTful APIs, Webpack, Responsive Design, GraphQL
Testing Libraries: Jest, React Testing Library, Enzyme
Environment: Git, CodeCommit, AWS, Docker, Jenkins

PROFESSIONAL EXPERIENCE

Frontend Engineer | Kiswe | New Jersey

September 2024 – Present

- Utilized HTML5 and CSS along with Tailwind CSS to build responsive, accessible, and visually consistent web interfaces for various live event platforms, ensuring seamless cross-device compatibility and improved user experience.
- Developed dynamic, interactive features using JavaScript and TypeScript to improve web application performance and maintainability, enhancing overall system stability and providing better data handling.
- Built robust, component-driven user interfaces with Vue.js and React, enabling high-performance, scalable applications and reducing code duplication across the front-end codebase.
- Applied a combination of Vue.js, React, and Tailwind CSS to select the most efficient tools for specific requirements, improving team productivity, reducing development time, and ensuring high-quality, consistent results across projects.
- Utilized PNPM for fast and efficient package management, improving dependency management speed and reducing disk space usage across projects, ensuring a more optimized and streamlined front-end development environment.

Frontend Engineer | Gensler | New Jersey

July 2022 – February 2024

- Developed dynamic user interfaces using React.js, leveraging components, hooks, and lifecycle methods for efficient state management and smooth navigation.
- Integrated Redux for centralized state management, employing middleware like Redux Thunk to handle asynchronous operations and improve application performance.
- Utilized Next.js for server-side rendering and static site generation, optimizing SEO and enhancing page load times with dynamic routing and API routes.

- Created reusable Vue.js components and managed state with Vuex, streamlining development and ensuring consistent UI/UX across applications.
- Implemented comprehensive unit and integration tests with Jest and React Testing Library, ensuring robust and reliable code while catching potential issues early.
- Applied Tailwind CSS for utility-first styling, enabling rapid development of responsive and visually consistent user interfaces.
- Leveraged RESTful APIs and GraphQL for efficient data retrieval and manipulation, enhancing application interactivity and user experience.
- Configured Webpack for module bundling and code optimization, and utilized Git and AWS for version control and deployment.
- Implemented Angular's reactive forms for robust user input handling and validation, ensuring data integrity and a seamless user experience during form submissions.
- Leveraged Angular CLI for efficient project scaffolding, build optimization, and deployment automation, streamlining development workflows and reducing setup time.

Frontend Engineer | Cigna Express Script | New Jersey

May 2021 – April 2022

- Designed and developed interactive checkout and confirmation screens for an online pharmacy application using React.js, utilizing a component-based architecture for modularity and maintainability.
- Implemented state management solutions with React hooks and context API, effectively managing application state and enhancing user interaction during the checkout process.
- Optimized performance by employing React's lazy loading and code-splitting techniques, resulting in improved load times and a smoother user experience.
- Integrated RESTful APIs with Axios for dynamic data fetching and management, ensuring accurate and real-time information during the checkout and confirmation phases.
- Conducted unit and integration testing using Jest and React Testing Library, validating functionality and maintaining high-quality standards across UI components.
- Utilized React's lifecycle methods to manage side effects and asynchronous operations, ensuring efficient updates and interactions within the application.
- Applied custom hooks to encapsulate reusable logic and improve code readability, enhancing the development process and reducing redundancy.
- Collaborated with UX/UI designers to implement responsive design principles using CSS and Tailwind CSS, delivering a consistent and visually appealing user experience across devices.
- Coordinated with different teams on Angular projects, ensuring smooth integration of various components and adherence to project timelines and specifications.

UI Developer | Atmiya Care Charity | New Jersey

September 2020 – May 2021

- Enhanced the charity's donation page using React.js and Angular with TypeScript, integrating HTML5, CSS3, and JavaScript to increase user engagement and donation conversions.
- Developed dynamic user interfaces with Angular and TypeScript, utilizing robust data binding, complex routing, and custom filters for responsive and interactive web applications.
- Implemented seamless integrations and interactive features with RESTful APIs, Webpack, and GraphQL, using TypeScript to ensure type safety and improved code maintainability.
- Collaborated within a front-end development team, employing Git, AWS, Docker, and Jenkins to ensure consistent development practices and efficient deployment processes.
- Applied Jest and React Testing Library for rigorous testing, enhancing feature reliability, and delivering a high-quality user experience.