

Nasar Khan
nasarkhans@gmail.com

Summary:

- Over 10 Years of progressive experience in all phases of software development life cycle including requirements analysis, application design, development, Integration, maintenance and testing of various client/server, N-tier and web applications.
- Experienced as a User Interface/Front End Developer in developing applications using React JS, NEXT JS, Redux, HTML5, CSS, CSS3, JavaScript, Ruby on Rails, DOM, XHTML, jQuery, Axios and Ajax.
- Experience with NEXT JS Server side rendering SSR and Static site generation SSG, other routing and caching capabilities.
- Good experience using React components, handling events and maintaining State in REDUX store.
- Excellent with Media Queries, Bootstrap, react-strap, Flexbox and CSS.
- Worked extensively on Ruby on Rails to build routes, and maintain API proxies.
- Good knowledge of Responsive Web design.
- Extensively used JavaScript and JS libraries.
- Experienced in developing tableless layouts.
- Good experience in JavaScript frameworks like Backbone JS.
- Good Knowledge on how to implement user-centered design (UCD) methodology.
- Good Understanding of Document Object Model (DOM) and DOM Functions.
- Expertise in Client Side designing and validations using HTML, HTML5 and JavaScript.
- Sound Understanding and good Experience with Object Oriented Programming Concepts, Object Oriented JavaScript and Implementation.
- Worked extensively in Agile Development process.
- Experience in software configuration management using SVN.
- Experience with applications on Azure App Services, integrating CI/CD pipelines using Azure DevOps, and working with Azure cloud resources for scalable UI delivery.
- Good knowledge and expertise on Azure compliance, cloud deployment practices
- Excellent interpersonal abilities, communication skills, time management and Team skills with an intention to work hard to attain project deadlines under stressful environments.
- Highly Curious about new front-end development technologies and adept at promptly and thoroughly mastering them with a keen awareness of new industry developments and the evolution of programming solutions.
- Possess good team-management and leadership qualities.
- Involved in Understanding functional specifications and developing creative solutions to meet business requirements.

Professional Experience:

Charles Schwab – IT Resources

Senior Front-End Developer | July 2024 – Present

- Lead front-end development efforts using Next.js, React.js, and JavaScript, driving the creation of new features and scalable UI solutions.
- Designed and implemented CRE (Component Render Engine) to dynamically render React components based on transformer mappings, enabling flexible and modular UI builds.
- Built custom aliasing tools leveraging the Vercel API to streamline environment-specific domain deployments.
- Worked extensively on accessibility (A11y), ensuring compliance with WCAG standards and enhancing usability for all users.
- Developed and styled modern, reusable components using shadcn/ui and Tailwind CSS, adhering to design system standards.
- Implemented robust unit testing with Jest, increasing code reliability and ensuring consistent performance across components.

- Integrated class variants using Tailwind CSS and added schema based type checks and data validation with the assistance of AI tools.
- Collaborated with cross-functional teams (design, product, and backend) to translate business requirements into efficient, high-quality front-end solutions.
- Conducted code reviews, mentored team members, and enforced best practices in performance, accessibility, and maintainability.
- Utilized Next.js features (SSR, SSG) to improve SEO, optimize performance, and deliver dynamic, server-rendered content.
- Configured and maintained build pipelines, environment setups, and package managers (pnpm, npm) for efficient workflows.
- Partnered with backend teams to integrate RESTful APIs with React components, ensuring smooth data flow and functionality.
- Championed adoption of front-end best practices, including Git workflows, CI/CD, automated testing, and code documentation.
- Stay updated with the latest trends and best practices in web development, and integrate them into project workflows.
- Implemented Vercel deployment workflows to automate build processes, generate preview environments for PRs, and manage multi-environment release pipelines.
- Maintain and enhance existing React.js applications, ensuring scalability, performance, and security.

Equitable life Canada- HCL Tech (Toronto, ON)
Front-End Lead Developer

July 2023 - July 2024

- Serve as a subject matter expert in React.js, Next JS and TypeScript, providing guidance and mentorship to the Dev Team.
- Collaborate closely with the design team to translate UI/UX designs into functional React.js components.
- Work in tandem with other developers, designers, and product managers to ensure the timely delivery of high-quality solutions.
- Conduct code reviews and provide constructive feedback to maintain code quality and consistency.
- Take ownership of troubleshooting, debugging, and resolving bugs, defects and issues.
- Stay updated with the latest trends and best practices in web development, and integrate them into project workflows.
- Maintain and enhance existing React.js applications, ensuring scalability, performance, and security.
- Develop and implement user interfaces using React.js and TypeScript, adhering to established design guidelines and standards.
- Collaborate with backend developers to integrate frontend components with RESTful APIs, ensuring seamless data flow and interaction.
- Implemented boiler plate setup using Next JS, React, SCSS, Formik and other libraries to support a Robust App.
- Used Next JS SSG and SSR for pre-rendering of Data on Client and to support SEO.
- Used i18n to support internationalization on the app for other languages like French.
- Utilize state management using react hooks like useContext to manage complex application states efficiently.
- Configure and optimize front-end build tools and package managers (e.g., Webpack, npm) to streamline the development process.
- Demonstrate proficiency in AWS services like ECS and S3 to deploy and maintain cloud-hosted applications.
- Configured and deployed front-end builds to Azure App Services, ensuring secure, scalable, and reliable cloud-based delivery.
- Worked on Azure DevOps YAML pipelines to automate build and release processes, including deployment to Azure App Services and environment-specific workflows
- Implement web security best practices to safeguard sensitive data and prevent common vulnerabilities.
- Adhere to software development best practices, including version control with Git, automated testing, and code documentation

- Developed features using React, React Hooks, Next JS, React styled system and created components from the scratch to use for web application.
- Developed the React container and presentational components (as Stateless and Functional components when applicable).
- Worked on React.JS components, Forms, Events, Keys, Router, Animations and Redux concept.
- Worked on React JS Virtual Dom and React views, rendering using components which contain additional components called custom HTML tags.
- Implemented Web app manifests using JSON blob file to provide metadata allowing it to be installed on user's device as a PWA
- Worked on implementing a service worker to enable caching and offline capabilities for PWA.
- Worked Extensively on React for Typescript SPA domains.
- Used TypeScript extensively for additional type safety and make the development process more robust.
- Worked on writing unit test using Jest and Karma with 80% code coverage
- Implemented Regression test cases using Cypress for end to end testing.
- Actively participated in code reviews and manual testing to ensure clean, readable code and code quality is maintained.
- Enhanced legacy application by building new components in REACT JS and Typescript.
- Use Node JS, MongoDB and NPM Package Manager for installing dependencies.
- Used various JavaScript methods like map, filter, every, some, includes etc.
- Created various Utility functions to implement features which require client side validations.
- Familiarity with the Vue.js ecosystem, including Vue CLI, Vuex, Vue Router, and Next.js
- Worked on events distribution and parent chain for parent-child component communication.
- Implemented filtering features using REACT JS and custom components built on javascript to filter the content in a datatable.
- Implemented Drag and Drop feature by capturing index value of an array and wrote logic using javascript.
- Developed features ensuring all the web content and each component meets Accessibility standards.
- Experience working with (consuming) REST or GraphQL APIs via client side JavaScript.
- Develop a common data store in REDUX to gather data for multiple web pages to a centralized location.
- Create Reusable components across the board so all channels can use the same code base.
- Develop error handling for automating the data loads using React lifecycle hooks, JavaScript ES6 etc., to cleanse incorrect data.
- Integrated automated unit testing within Azure DevOps pipelines, enabling continuous testing, build optimization, and seamless deployment of UI components
- Implemented Azure DevOps YAML-based CI/CD pipelines to build, test, and deploy React/Next.js applications to Azure App Services, improving release reliability and deployment process.
- Experienced working with AWS cloud computing platform.
- Participate in Technical Requirements Analysis, understand business requirements and draft System requirements.
- Participate in Architectural design and understand business needs and requirements.

Environment: REACT JS, Redux,, Redux SAGA, Vue.JS CSS3, JavaScript, ES6, AJAX, Ruby on Rails, Jest, Karma, Microservices,Node, JSX, HTML5, Responsive Design, React Bootstrap, Jenkins, SVN, Agile

- Analyze, design and develop new features, tests and test-automation suites for Verizon using (1) React JS, REDUX, Redux-Saga, HTML5, CSS3, Bootstrap, JavaScript, SASS and Node JS

- Develop common data store in REDUX to gather data for multiple web pages to a centralized location.
- To create and drive automation in data collection as feasible by introducing ETL tools and service integration techniques.
- Investigate issues with data quality, consistency, delays or gaps and to be part of SOE (System of Engagement project) for quality assurance walk through of React components .
- Implement Asynchronous scripting strategy by avoiding unnecessary wait time to load the Data.
- Create Reusable components across the board so all channels can use the same code base.
- Develop error handling for automating the data loads using React lifecycle hooks, JavaScript ES6 etc., to cleanse incorrect data.
- Participate in Technical Requirements Analysis, understand business requirements and draft System requirements.
- Participate in Architectural design and understand business needs and requirements.
- Will be involved in the implementation, in data conversion activities, extracting data from legacy systems and transferring the same to the new system.
- Responsible for doing manual, unit and integration testing of the application during development.
- Use advanced JavaScript to create interfaces and help manage cross browser compatibility.
- Do Release activities and push code to production and take care of production issues if any

Cambria Solutions (Sacramento, CA)

End Client: CWDS (Child Welfare Digital Services)

Nov 2017 - July 2019

Software Developer

Responsibilities:

- Gathered and analyzed the requirements and converted them into User Requirement Specifications and Functional Requirement Specifications for the designers and developers to understand them as per their perspective.
- Worked in a data-driven environment and develop applications using high-level, prototype-based and multi-paradigm MERN stack (React.js, Redux, and Nodes.js), JavaScript (es5/es6), Ruby on Rails, REST/API web services.
- Maintain Cross Browser compatibility & implement Responsive Design custom media queries, etc
- Implemented React-Router, React Redux architecture, ES6 and web pack to develop single page application for CWDS.
- Responsible to Develop Responsive forms for Child Welfare Digital Services (CWDS) using React JS , React-strap and Ruby on Rails
- Used React Pure Components to optimize Application and to increase CWDS (Child Welfare Digital Service) application performance.
- Created Data tables and Columns declaring React Fragments in order to return list of elements in the component.
- Used React Test utilities to mock component and shallow rendering for unit testing React component.
- To develop applications for CWDS (Child Welfare Digital Service) this interacts with REST API and Fetch Data using React lifecycle methods and Axios.
- Developed Sidebar Navigation using React Pure Components for user interactivity, user friendly forms.
- Involved in JavaScript coding for validations, and passing attributes from one screen to another.
- Extensively involved in building JSON response to efficiently handle data objects through Ajax calls.
- Used REGEX for developing date formats and placeholder which validate Date and Phone input fields.
- Consistently involved in writing Feature test cases, Unit Test and Integration level testing using RSPEC, Jasmine/Karma
- Developed CSS3 style sheets to give gradient effects. Developed page layouts, navigation and icons.
- Extensively used CSS3 and react-strap for styling the HTML5 elements.
- Maintained Cross Browser compatibility & implement Responsive Design using Twitter Bootstrap, custom media queries, etc.
- Created Mock-up designs and developed various functionalities with JavaScript and jQuery.

- Create Build Jobs in Jenkins Pipeline to automate regression testing for CWDS (Child Welfare Digital Service) and provided a regression test report to ensure code quality is maintained and to capture any errors.
- Implement and perform Regression testing using ruby on rails RSPEC and various GEMS to ensure code quality is maintained. Also, to provide transparency of integration.

Environment: REACT JS, Redux, CSS3, JavaScript, AJAX, Ruby on Rails, Jasmine, Karma, RSPEC, Node, JSX, HTML5, Responsive Design, React Bootstrap, Jenkins, SVN, Agile

Ahold Delhaize (Greenville, SC)

May 2017 – Sept 2017

UI Developer

- Worked on Design, Development and Deployment of the Project from End – End Including building REST API for new Legacy Systems.
- Developed the UI pages using React JS, HTML5, CSS3, JavaScript, Bootstrap, and Axios.
- To Design business applications using web technologies like Material UI, HTML5, react-strap and CSS3 based on the W3C standards.
- Used React JS and other Dependencies like Material UI to develop Vendor News Portal.
- Developed CSS styles to maintain the uniformity of all the screens throughout the application and positioning of screen objects.
- Utilized Node JS as the building tool and created Node modules to integrate code in different Legacy Systems.
- Used React Lifecycle Methods to Get data from remote server using Axios.
- Responsible for all client side UI Validation and implementing Business logic based on user selection using Javascript ES6.
- Involved in writing application level code to interact with APIs, Web Services using AJAX, JSON and hence building type ahead feature for zip code, city and county look up using JQuery, Ajax and JQuery UI.
- Responsible to store and retrieve user entered data to HTML session storage hence give user feature of running several session at one time.
- Used React JS and Node.js or developing single page web applications.
- Used Jasmine, Karma for unit testing and Protractor for end to end testing.
- Used Test driven approach (TDD) for developing services required for the application and Implemented Integration test cases.
- Used HTML5, CSS3 standards, Git and Heroku for developing web applications.
- To develop web applications with application servers utilizing API and REST/SOAP services.
- Created build jobs for all component's using SONAR integration and GRUNT
- Responsible for working with the team in Agile based Development and participating in Scrum Meetings.

Environment: HTML5, CSS3, JQuery APIs, JavaScript, AJAX, XSLT, Backbone.js, Node.js, EXT.js, Responsive Design, Bootstrap, Grunt, XML, Firebug, DHTML, Adobe, Windows, Agile

Principal Financial Group (Des Moines, IA)

Mar 2015 – Mar 2017

Front-End Developer

- Responsible for developing static web pages using HTML, CSS, CSS3, JavaScript, DUST.JS
- Used Node.JS as the building tool for the web pages and Grunt as the Compiler.
- Used GRUNT for building various configurations for adding new apps and web pages to the site.
- Designed Frontend with in object-oriented JavaScript Framework like Node.js and Ext.js.
- Used Node.js for Fetching Data from the Server by giving URL to get JSON data for model and to populate model from the server.
- Worked in teams using Agile Methodology and Scrum
- Used Bottle Neck and Waterfall method for IP Sprints. This helped us avoid delays in deployment.
- Worked with a team of architects and back-end Developers to gather requirements, enhancing the application functionality and adding new features
- Did Pair programming on writing Unit Tests. Used Karma and Jasmine to automate the process.
- Test driven development (TDD) approach to produce the code.
- Developed Sites using various HTML5, CSS3 and adding interactivity with JavaScript.

- Developed HTML prototypes and UI deliverables, such as wireframes, screen mock-ups, and interface design.
- Written Ajax driven JSON consuming JavaScript functions to save User selections such as radio button, drop-down menu selections into a cookie
- Actively involved in writing web services in Ruby and JRuby to fetch the data from a customized SQL database and serve the requests from the front-end accordingly.
- Used Websphere to fetch data in Ruby to communicate with the third party applications using SAML protocol.
- Developed CSS3 style sheets to give gradient effects. Developed page layouts, navigation and icons. Applied industry best practices and standards when project requirements were lagging..
- Worked on integrating JQuery APIs with MVC pattern.
- Worked on tasks involving Backbone.Component.
- Created AJAX requests to REST service with the use of GET and POST method to fetch data
- Created build jobs for all component's using SONAR integration and GRUNT

Environment: HTML5, CSS3, JQuery APIs, JavaScript, AJAX, XSLT, Backbone.js, Require.js, Node.js, EXT.js, Responsive Design, Bootstrap, Grunt, Dust.js, DOM, XML, Firebug, DHTML, Adobe, Windows, Agile

GE Capital (Hyderabad, India)

Apr 2008 – Dec 2012

Web Developer

Responsibilities:

- Involved in the Analysis, System study and designing of the project.
- Developed front-end screens with HTML, DHTML, CSS, JavaScript and JSP. Extensively did client side validations using JavaScript and developed the required Servlets.
- As a developer, coordinated with onsite team and client in understanding the business process and requirement understanding.
- Participated in daily meeting for enhancing the features for the portal.
- Participated in Code review and Quality Assurance.

Environment: HTML, CSS, JavaScript (Libraries: jQuery), MS Office, Firefox, Chrome, SVN and Java

Education:

University of the Cumberlands

Kentucky, USA - 2018

Master's in Computer and Information Systems Security and Information Assurance.

Jawaharlal Nehru Technological University

Hyderabad, India - 2012

Bachelors in Electronics and Communications