

RAVI GAJA REDDY

Full stack web developer

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PROFESSIONAL SUMMARY

- 10+ years of experience in front-end development and Web application development.
- Experience in requirement analysis, design, development and testing of the front-end components.
- Experience in developing scalable and robust applications.
- Good experience in Software methodologies like Agile and Kanban.
- Worked as a User Interface/Front End Developer in developing applications using HTML5, CSS3, JavaScript, Typescript, ReactJS, Redux, Next.JS, Angular, Storybook, JSON web token (JWT), Webpack, Material-UI, Tailwind CSS, GraphQL, REST APIs, Responsive web design.
- Expertise in developing backend using NodeJS, ExpressJS, Micro services, Java, Spring, Hibernate, REST APIs and databases including SQL, PostgreSQL and MongoDB.
- Experience in implementing Continuous Integration and Continuous Deployment (CI/CD) pipelines using tools like Jenkins, SonarQube, Docker, and Kubernetes, which enhances development efficiency and accelerates release cycles.
- Experience with Amazon Web Services (AWS), including services like EC2, S3, Lambda, API Gateway, RDS, DynamoDB, IAM, ECR and EKS, to build and manage cloud-based applications and infrastructure.
- Skilled in JavaScript testing frameworks and experienced in various front-end automated testing strategies, including unit, integration, and headless browser testing.
- Experience in writing unit tests using Jest and React testing library (RTL).
- Experience in profiling and improving front-end performance.
- Experience in Server-side rendering and Experience in different code versioning tools like Git.
- Familiar with SEO principles to enhance website visibility.
- Strong proficiency in JavaScript, including DOM manipulation, the JavaScript object model, Object-Oriented concepts, design patterns, coding standards, and performance improvements.
- Optimized UI using optimization techniques like code splitting, lazy loading, useMemo and useCallback.
- Strong analytical, conceptual, and problem-solving abilities. Strong written and oral communication and presentation skills.
- Highly Self-motivated a team player and can contribute to the team with individual skills.
- Experience in developing code conforming to W3C, internal and ADA coding standards.
- Developing and maintaining pipelines for code deployments.
- Working knowledge of GIT, merging, and branching techniques.
- Involved in code reviews and architecture review with other team members.
- Participated in Agile methodology and SCRUM processes such as Sprint Planning, Backlog grooming, Daily Standups and Retrospectives with the team
- Experience in designing and presenting multiple concepts and iterations around user interaction models, workflows, wireframes, screen flows, mockups and prototypes
- Good understanding of Document Object Model (DOM) and DOM functions.
- Hands on experience in Agile methodologies and SDLC.
- Experience with browser-based debugging and performance testing software.
- Experience with financial services.
- Strong problem solving, Analytical skills and Good written and Communication skills.

EDUCAION DETAILS

- Bachelors in computer science from JNTU, Hyderabad, India

TECHNICAL SKILL MATRIX

Web Technologies: HTML/HTML5, CSS/CSS3, XML, JavaScript, TypeScript, ReactJS, Redux, Next.js, Angular, Webpack, Storybook, Material-UI, Responsive Web Design (RWD), JSON, Tailwind CSS, SASS and LESS.

Backend Technologies: NodeJS, Express JS, Java, Spring, Hibernate, Rest APIs, GraphQL.

Methodologies: Agile/Scrum, SDLC, TDD

Development IDEs: Visual Studio code, IntelliJ

Database Access: MySQL, MongoDB, PostgreSQL, SQL Server 2014/2012/2010

Version Control: Git, Bitbucket

Application Tools: Jenkins, Docker, Kubernetes

JavaScript testing framework: React testing library (RTL), Jest, Mocha

Cloud Technology: AWS

PROFESSIONAL EXPERIENCE

Client: JP Morgan Chase, NY

Role: Senior Software Developer

Duration: Nov 2021- June 2024

Project Name: Story by JP Morgan

Description:

Story by J.P. Morgan is a digital platform for renters and small and midsize property owners to manage rent payments and streamline operations. The platform is designed to help property owners save costs, grow their business, and provide residents with secure rent payment options.

Responsibilities:

- Worked on My Team and Entitlements module.
- Created web pages using HTML5, CSS3, JavaScript, TypeScript, ReactJS, Next.js, Material-UI, Styled Components and SDS.
- Developed services using NodeJS, Express.js, Micro services and SQL.
- Developed Reusable Components.
- Followed Test driven development (TDD).
- Followed WCAG 2.2 guidelines and resolved ADA issues.
- Converted Figma designs into fully functional, high-performance web applications.
- Participated in day-to-day meetings, status meetings, strong reporting and effective communication with project manager and peers as part of Agile scrum methodology.
- Ensure that the web pages work for different devices like Mobile, Tablet and Desktop using RWD.
- Written Unit test cases in UI using React testing library and Jest, in Backend using Mocha and Chai, and maintaining the code coverage more than 80 percent.
- Fixed Vulnerability issues which were found in Ravan scan and SonarQube.
- Deployed the application into AWS cloud using Docker, Jenkins, Kubernetes.

- Involved in complete development of Agile Development methodology / SCRUM and tested the application in each iteration.

Environment: HTML5, CSS3, JavaScript, TypeScript, ReactJS, NextJS, Material-UI, Styled Components, SDS, NodeJS, ExpressJS, SQL, Git, Bitbucket, NPM, Webpack, AWS, Docker, Jenkins, Kubernetes, SonarQube, JSON, Agile Methodologies, TDD, Scrum and Confluence.

Company: Finsol, UAE

Role: Software Developer

Duration: June 2016 – Oct 2021

Project Name: QT-Backoffice

Description:

QT-BackOffice is a web application designed to show all the cumulative and live trades done by QT users from QT desktop application. QT-BackOffice is connected to ExpressJS backend through Rest API's and Web sockets. ExpressJS backend will receive all the trades through RabbitMQ from OMS (Console Application which manages all the orders) and forwards all the live trades to QT-BackOffice Application through Web sockets.

Responsibilities:

- Created web pages using HTML5, CSS3, JavaScript, TypeScript, ReactJS, Redux, Redux-Thunk, Webpack, Storybook, Material-UI, GraphQL and OAuth.
- Developed services using NodeJS, ExpressJS, Micro services, MongoDB and Mongoose.
- Developed Reusable Components and developed isolated UI components using Storybook.
- Followed WCAG 2.1 guidelines and resolved ADA issues.
- Converted Figma designs into fully functional, high-performance web applications.
- Participated in day-to-day meetings, status meetings, strong reporting and effective communication with project manager and peers as part of Agile scrum methodology.
- Ensure that the web pages work for different devices like Mobile, Tablet and Desktop using RWD.
- Written Unit test cases in UI using React testing library and Jest, in Backend using Mocha and Chai, and maintaining the code coverage more than 75 percent.
- Worked on React hooks and Improved performance using code splitting and memoization techniques.
- Developed CI/CD pipelines using Jenkins.
- Fixed Vulnerability issues which were found in Ravan scan and SonarQube.
- Deployed the application into AWS cloud.
- Involved in complete development of Agile Development methodology / SCRUM and tested the application in each iteration.

Environment: HTML5, CSS3, JavaScript, TypeScript, ReactJS, Redux, Redux-Thunk, Material-UI, Graph QL, NodeJS, ExpressJS, MongoDB, Mongoose, Storybook, OAuth, AWS, Git, Bitbucket, NPM, Webpack, Docker, Jenkins, Kubernetes, SonarQube, JSON, Agile Methodologies, Scrum.

Project Name: Collab App

Project Description:

Collab App is a web application designed to help teams to communicate and work together more effectively. Team members will be assigned tasks by Admin/Team lead. Team members can upload files and comment on their specific task. Team members can do a One-One chat. Task related event alerts will be sent through email automatically.

Responsibilities:

- Created web pages using HTML5, CSS3, JavaScript, TypeScript, React, Redux, Redux-Thunk.
- Developed services using NodeJS, Express.JS, MongoDB and Mongoose.
- Expertise in Web Accessibility incorporating (**WCAG 2.0** guidelines) for websites.
- Developed Reusable components.
- Converted Wireframe designs into fully functional web application.
- Worked closely with Performance Test team for UI performance and validated enhancements using various JavaScript Profilers.
- Worked on React hooks.
- Developed CI/CD pipelines using Jenkins.
- Performed Test Driven Development using testing frameworks like Jest, and Mocha
- Worked closely with the User Experience (UX) team in determining the Content and Wireframes
- Used Jenkins tools for Continuous Integration (CI) & Continuous Deployment (CD).
- Analyze and fix critical bugs according to their priority. Utilize AWS instances to deploy web application
- Worked on Agile (Scrum) Development to deliver regular updates to business team and project managers.

Environment: HTML5, CSS3, JavaScript, Typescript, React, Redux, Redux-Thunk, NodeJS, Express JS, MongoDB, Mongoose, JSON, Git hub, Restful API, NPM, Node.JS, AWS, ES6/ES7, Webpack, Jest, and Agile.

Project Name: Process Monitor

Project Description:

Process Monitor is a Web Application which is used by Finsol for internal use. Admin/Support can add/update/delete/disable Account, User, CTCL, Exchange. Admin/Support can map Exchange to CTCL, CTCL to Account and Accounts to Users. Admin/Support can add/update/delete Limits and map to User/Account/CTCL. User can use Account and CTCL to trade in Exchanges.

Responsibilities:

- Developed frontend web applications by using web technologies such as Angular 2, HTML5, CSS3, JavaScript, SASS, Typescript and JSON web token (JWT).
- Developed backend in Java, Spring 4, Hibernate and SQL.
- Building Web application using Angular 2 for frontend and Provided support from Upgrading from Angular 2 to Angular 4
- Took initiative in learning React.JS and went on to successfully develop various features under minimal supervision
- Got familiar with React.JS script framework.
- Developed the pages that are complaint to W3C and ADA standards
- Developed Interactive Prototypes from Photoshop designs using HTML5, CSS3, SASS, JavaScript, Bootstrap & Media Queries.
- Experience in using ECMAScript (ES6) with existing JavaScript modules.

Environment: Java, Spring 4, Hibernate, Angular 2, JavaScript, SASS, HTML5, CSS3, Bitbucket, Wireframes, JSON, Windows, JSON web token (JWT) and Agile SCRUM Methodology.

Company: NXT Vision Technologies, India

Role: Software Developer

Duration: June 2014 - May 2016

Project Name: Satya Super specialty hospital website

Description:

The website shows all the services offered by the hospital and all Doctor's information and their specialization.

Responsibilities:

- Developed frontend web applications by using web technologies such as HTML5, CSS3, JavaScript, Angular, SASS.
- Worked as an intern.
- Used latest ES6 features such as arrow functions, let, const, web storage to implement business logic in the application.
- Developer backend in Java, Hibernate and PostgreSQL.
- Performed manual testing.
- Participated in Scrum meetings which were held every morning to define daily goals and track team progress.
- Given Production support after deployment.

Environment: JavaScript, Angular, SASS, HTML5, CSS3, PostgreSQL, Java, Hibernate, Bitbucket, GIT, JSON, Windows, and Agile SCRUM Methodology.
