Jagadeeshwar Reddy Dabbadi

St Louis, MO

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**SUMMARY**

* Having 5 years of experience in developing web pages and user interfaces using **ReactJS**, **AngularJS**, **CSS3**, jQuery, **HTML5**, DOM, Webpack, **Bootstrap**, **JavaScript**, AJAX, JSON.
* Expert in **Angular JS**, worked on **Angular JS** features like Two Way Binding, Custom Directives, Controllers, Filters, Services and Project Architecture, **React JS** features like Components, Lifecycle methods, and unidirectional data flow using the Flux Architecture.
* Experienced in **React JS** and working with **React** Flux architecture using complex Object-Oriented concepts in improving the performance of the websites.
* Experienced in responsive web design using **Bootstrap** framework and **CSS3** media queries.
* Implemented easy to use Bootstrap plugins for building carousel, accordion, modal windows etc.
* Experienced as a User Interface/Front End Developer in developing applications **using HTML/HTML5, CSS/ CSS3, JavaScript, ReactJS, AngularJS, DOM, jQuery, LESS, Ajax** and **JSON.**
* Design, deploy, and manage cloud-based infrastructure on GCP, AWS, or Azure.
* Develop and implement security best practices to protect cloud-based systems and data.
* Work closely with developers to design scalable and reliable cloud architectures for web applications.
* Demonstrated expertise in utilizing Figma's vector-based editing capabilities to design scalable and high-resolution interfaces.
* Create and manage cloud-based databases using services such as Cloud SQL, RDS, or Azure SQL.
* Manage and scale containerized applications using Kubernetes or other container orchestration platforms.
* Created **API**-driven interactive applications utilizing **AJAX** technology.
* Developed and maintained scalable backend systems using Go and other technologies, ensuring high performance and reliability for applications serving millions of users.
* Worked with databases such as PostgreSQL and MongoDB, creating efficient data models and optimizing database performance.
* Implemented Figma design libraries to maintain design consistency and shared assets across multiple projects.
* Extensively used the repositories like **GitHub** and **SVN**.
* Expertise in upgraded DOCX using Angular5, **Typescript** and **Raven**.
* Working Knowledge of ng add and ng update commands and **JSON** files in **Angular 7/8/9**.
* Expertise in **Java Script** and **AJAX** calls. Expertise in **jQuery** plugins and Angular components.
* Good amount of work done on Reactive forms or Web Forms in **Angular 4/5/6** and their Validations.
* Designed and implemented the User Interface using **JSP, CSS3, JavaScript ES6, JSP, Angular 7/8/9/.**
* Experience in popular JavaScript frameworks such as **Angular.js, Node.js, jQuery, Express.js, D3.js, Jasmine, Karma**.
* Experienced in Document Object Model (DOM). Deal with client-side applications using **React JS** and working knowledge on Grunt and Gulp.
* Proficient understanding of client-side scripting and JavaScript frameworks, including **jQuery**, Underscore.js, Prototype.js, Backbone.js, **Angular.js**, **React.js**, Knockout.js, D3.js etc.
* Built data visualizations to monitor file server load, Web server speed, Data Processing a using D3.js, **jQuery** and **MySQL**.
* Skilled in using Figma's Auto Layout feature to design responsive interfaces that adapt to different screen sizes and devices.

**EDUCATION**

**Master of Science in Information Systems December 2022**

Northwest Missouri State University, Maryville, MO GPA- 3.7/4.0

* **Coursework:** Object Oriented Systems with Java, Database Design and Implementation, Professionalism in IS, Financial Modeling for IT, Information Systems and Security, Business Intelligence, Enterprise Networking

**Bachelor of Business Administrations (Finance) December 2020**

Osmania University, Hyderabad, Telangana GPA- 3.5/4.0

* **Coursework:** Introduction to IT, HTML, CSS, Principles of Management, Quality Management

# TECHNICAL SKILLS

**Programming Languages:**  JavaScript, ReactJS, Java, Angular JS, HTML, CSS

**Databases**: MySQL, MongoDB, PostgreSQL, SQL

**Development tools**: NetBeans, Visual Studio Code, WebStorm

# PROFESSIONAL EXPERIENCE

**Interco- A Metaltronics Recycler, JavaScript-Frontend Developer September 2023 – Present St Louis, MO**

* Led the initiation and architecture of a new ERP system using React.
* Collaborated with UI/UX teams to translate designs into React components.
* Implemented performance optimization techniques in React for seamless user experience.
* Employed version control tools for efficient code maintenance and collaboration.
* Assured the integration of React components with backend microservices and APIs.
* Addressed cross-browser and device compatibility using responsive design principles.
* Actively sought and integrated feedback from ERP end-users for continuous improvement.
* Kept abreast with the latest developments in React and frontend technologies.
* Engaged in agile methodologies, including sprint planning and daily stand-ups.
* Drafted detailed documentation for React components and frontend architecture.
* Utilized Redux for efficient state management and consistent user experience.
* Integrated Jest and React Testing Library for robust unit and integration tests
* Utilized React Router for effective routing and SPA navigation
* Mentored junior developers, guiding them on React best practices and code quality.

**Duotronix, Full-Stack Developer January 2023 – August 2023**

**McKinney, Texas**

* Developed application in **Angular 9** with TypeScript and implemented RXJS (reactive extension) for using Observable sequences to allow async data streams with out of the box RXJS operators in NGRX platform.
* Responsible to Style, look and feel of the web page with SASS that extends CSS with dynamic behavior such as variable, mixing, operations, and functions.
* Worked closely with UX designers to create user-friendly interfaces, ensuring seamless navigation and intuitive user experiences
* Developed components as an independent module for reusability across the application.
* Developed and maintained UI components and modules using Python, ensuring code reusability and consistency across the application
* Working with cross-functional teams to design, implement, and test UI features and functionality that align with business goals and user needs
* Worked on optimizing performance by leveraging **Next.js's** built-in optimizations like code splitting, static site generation (SSG), and incremental static regeneration (ISR).
* Created Typescript reusable components and services to consume REST API's using Component-based architecture provided by **Angular 9**
* Implemented **Angular 9** inbuilt directive for angular lifecycle checks and for adding conditionals Confidential template level
* Designed and implemented RESTful APIs, ensuring seamless communication between the front-end and back-end systems
* Developed and optimized database schemas, reducing query response times by 25%.
* Integrated third-party APIs for payment gateways and social media authentication, enhancing the application's functionality
* Contributed to the development of an e-commerce platform with Angular and MongoDB, resulting in a 30% increase in sales conversion.
* Implemented user authentication and authorization using JWT, enhancing application security
* Collaborated with UX/UI designers to create responsive and visually appealing interfaces
* Optimized front-end performance through lazy loading and code splitting techniques
* Leveraged Figma plugins and integrations to extend functionality and customize the design process to meet project requirements.
* Conducted thorough testing and debugging, identifying and resolving critical issues before production deployment

**Northwest Missouri State University, Full-Stack Developer May 2022 – November 2022**

**Maryville, Missouri**

* Worked collaboratively with a team of developers and a professor to create a responsive and visually appealing user interface for a web application that allowed users to search for and save recipes.
* Utilized HTML, CSS, JavaScript, React, and Redux to implement the front-end functionality of the application.
* Integrated external APIs to retrieve recipe data and displayed it in a user-friendly format
* Designed and implemented user interface features such as filtering options, search functionality, and recipe detail views
* Developed the Single Page App (**SPA**) and Web Application based upon using the **React JS** library.
* Design, develop and test **HTML5, CSS3, Bootstrap, JavaScript, React.JS, Node JS** that meets accessibility and web browser standards for intranet application.
* Implementation of **React json** schema for faster processing and loading forms.
* Conducted user research and analyzed website analytics to identify areas for UI/UX improvement, resulting in enhanced user satisfaction..
* Utilize **React** functional components to create table for various metrics in different region and Management area, incorporated Styled component for coherent **CSS** appliance, and Loading bar upon refresh functionality.
* Develop queries in UI for receiving live polling data from **GraphQL** and map the data into the table.
* Utilize **React** Hooks for State Management; Integrate selection preferences using useEffect and useState and added individual functionality.
* Deploying and maintaining applications on cloud platforms such as AWS, Google Cloud, or Azure.
* Implementing cloud-native architectures and leveraging cloud services such as serverless computing, containerization, and microservices.
* Implemented microservices architectures and containerization using Docker and Kubernetes, reducing application complexity and improving scalability.
* Collaborated with DevOps teams to design and implement CI/CD pipelines and deploy applications to cloud platforms such as AWS and GCP.
* Developing and deploying cloud-based data storage and processing solutions such as databases, data warehouses, and big data platforms.

**Northwest Missouri State University, Full-Stack Developer January 2022 – April 2022**

**Maryville, Missouri**

* Collaborated with a professor or mentor to redesign an existing e-commerce website, focusing on user experience and conversion rate optimization
* Conducted user research and analyzed website analytics to identify pain points and opportunities for improvement
* Created mockups and wireframes using Adobe Creative Suite to guide the redesign process
* Cloud migration, deployment, and integration of **SOASTA** Cloud test tool with **CI/CD** process using Jenkins and Dynatrace for continuous testing.
* Implemented **Redux** architecture for **ReactJS** state management. Implemented store, actions, and reducers.
* Implemented R**eact** components like React router, React-Slider, React-Grid for developing routing and animations using **React JS** across NPI Cost Modelling tool.
* Developing and maintaining web applications using Ruby on Rails (RoR), Go, or Typescript.
* Designing and implementing RESTful APIs and integrating with third-party APIs.
* Building scalable, modular, and maintainable codebases and ensuring code quality through testing, code reviews, and documentation.
* Optimizing application performance, scalability, and security using profiling, caching, and encryption techniques.
* Strive to complete and deliver the tickets or user stories within the sprint and resolve if any blockers that come across. Provide support for monthly production releases.
* Loading the Consul Properties and working with them, to support the application in multiple environments.
* Designing, developing functionalities using Java **API, SVN**, **Maven**, Spring**, jQuery**, **Ajax**, R**eact**s, jsp, tools like Eclipse, **AWS, Git, EC2**.etc as per requirements following best standards.
* Collaborated with the team in the design, development, and maintenance of web-based applications.
* Created and maintained databases, improving the performance and stability of the applications.
* Implemented UI for Web Applications using HTML, CSS, JavaScript, and third-party tools.

**[24].7 ai Private Limited, Software Engineer December 2020-August 2021**

**Hyderabad, Telangana, India**

* Gather requirements from the Business team (Product Owner and Business Systems Analyst)
* Evaluates the application by understanding the systems flow and data usage as per the requirement and performs product design and development accordingly.
* Developed the Single Page App (SPA) and Web Application based upon using the React JS library.
* Design, develop and test HTML5, CSS3, Bootstrap, JavaScript, React.JS, Node JS that meets accessibility and web browser standards for intranet application.
* Worked on API integrations with third-party services such as Google Maps and Twilio, ensuring the smooth flow of data between applications
* Implemented UI/UX design principles to ensure the best user experience, including responsive design, accessibility, and usability testing
* Implemented microservices architectures and containerization using Docker and Kubernetes, reducing application complexity and improving scalability.
* Contributed to open-source projects and communities related to Go and other backend technologies, sharing knowledge and best practices with other developers.
* Building and consuming APIs using REST or GraphQL and integrating with third-party libraries and services.
* Optimizing mobile application performance and memory usage using profiling, caching, and asynchronous programming techniques.
* Utilized React Hooks for State Management; Integrate selection preferences using useEffect and useState and added individual functionality.
* Collaborated with product owners and UX designers to develop user-friendly interfaces and experiences.
* Write clean, maintainable, and efficient code for both the front-end and back-end.
* Participated in code reviews to ensure high code quality and share knowledge with other team members.
* Developed and maintain automated test suites to ensure code quality and reduce the risk of regressions.
* Worked with third-party APIs to integrate external services with our platform.
* Continuously research and evaluate new technologies to improve our platform's performance, scalability, and security.
* Participated in sprint planning and estimation meetings to ensure timely and high-quality deliverables.
* Worked in an agile development environment and be adaptable to changing requirements.
* Participated in code reviews and provided constructive feedback to colleagues

**[24].7 ai Private Limited, Software Engineering January 2020-December 2020**

**Hyderabad, Telangana, India**

* Assisted senior developers in building a job search platform using React and Redux
* Improved website performance by optimizing code and implementing lazy loading
* Worked with designers to create a visually appealing and user-friendly user interface
* Contributed to the development of new features and bug fixes.
* Focus on Test Driven Development and quality forward development practices, with automation at the forefront for continuous quality
* Dedicated to creating performant sites focused on optimal time to interact for end consumers, and continuously improving that experience
* Knowledge of secure sites that adhere to best practices for information security
* Technical definition and implementation for analytics, error logging/tracking, and other key functional customer interactions on delta.com
* UI design reviews for feasibility and impact analysis
* Worked with the marketing team to implement and optimize A/B tests and other marketing experiments to improve website performance and user engagement
* Contributed to the company's design system, including the development and maintenance of shared components, design patterns, and documentation
* Assisted with documentation and training materials, ensuring that the team had up-to-date resources to help them work efficiently and effectively.
* Developing sustainable accessibility compliant solutions
* Analysis and implementation of performance/stability/reliability initiatives
* Participated in team meetings and code reviews

**ARS Technologies, Software Engineering January 2019-December 2019**

**Hyderabad, Telangana, India**

* Front-end web development using **HTML5, CSS3, SASS, JSP**, **JavaScript** and **jQuery**.
* Has built single-page applications using **React** on top of a **Redux** architecture.
* Responsible for making responsive web pages using twitter bootstrap and media queries.
* Used **AngularJS** framework to bind **HTML** (views) to **JavaScript** objects (models).
* Created wireframes & prototype for web & mobile apps design and Mobile Application Design for (**Android & IOS**).
* Dealing with client-side applications using **React JS** and working knowledge on **Grunt** and **Gulp**.
* Consumed Web Service using **JSON, BSON** and **REST** to get the registered users, update their status.
* Developed **JSF** Tags and Components.
* Involved in creating UI interfaces using native React concepts, Virtual DOM, one-way data binding and JSX.
* Code development to synchronize all features of Client website with Payweb2 site.
* Used **Backbone.js** and **ReactJS** to create Controllers to handle events triggered by clients and send requests to server.
* Responsibilities include Coding, Designing, Unit Testing, Documentation, Module Integration, Code Quality, Performance Enhancement.
* Collaborated with the product and design teams to understand customer needs and design solutions that meet those needs
* Written clean, maintainable, and efficient code that meets project requirements
* Implemented automated testing and continuous integration to ensure code quality
* Participated in code reviews and provide constructive feedback to other developers
* Stayed up-to-date with emerging trends and technologies in software development and recommend changes to improve the company's product and technology stack.

# PROJECTS

**Survey on Customer Satisfaction Towards Bajaj Motor’s October 2020**

* Collected the raw data from the Database using SQL and API
* Converted the raw data into charts and tables using MS Office tools
* Analyzed the data using Data Visualization tools (Tableau, Power BI)

# Website Designing for a Retail Store December 2020

* Created a website for a retail store using HTML, CSS, JS
* Listed the availability of a product on the website using some API
* Linked the website to third party website for order tracking and transaction
* Documented entire project for further enhancements and references