

RUTHU MANGINENI

Frontend Developer

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PROFESSIONAL SUMMARY:

- ❖ Frontend Developer with 3+ years of experience, specializing in web-based applications using JavaScript (ES6+), React.js, Redux, and Java, with proficiency in the full System Development Life Cycle (SDLC).
- ❖ Proficient in modern JavaScript development, deeply understanding ES6+ features, clean coding practices, and efficient data handling using XML and JSON.
- ❖ Hands-on experience with React.js and Redux, building responsive, user-friendly web applications, and optimizing React components for performance and user engagement.
- ❖ Skilled in asynchronous programming using Async/Await, ensuring optimal application responsiveness and performance.
- ❖ Proficient in designing and developing distributed, multi-threaded applications with core and advanced Java technologies, delivering high-performance systems.
- ❖ Familiar with Node.js for implementing APIs and handling server-side logic in full-stack applications.
- ❖ Developed reusable UI components using Storybook and styled applications with Bootstrap to ensure responsiveness and design consistency.
- ❖ Hands-on experience with RESTful APIs, enabling seamless communication between frontend and backend systems.
- ❖ Proficient in containerization tools like Docker, managing Docker images and deployments to improve scalability and efficiency.
- ❖ Strong understanding of object-oriented design, data structures, and algorithms, applying computer science fundamentals to build scalable solutions.
- ❖ Proficiency in version control tools like Git and experience with Agile methodologies, working in cross-functional teams to meet milestones and deadlines.
- ❖ Experience with CI/CD pipelines, automating the build, test, and deployment process for increased efficiency and reduced errors.
- ❖ Collaborated with product owners, designers, and backend engineers, delivering high-quality features that align with project requirements and user needs.
- ❖ Skilled in HTML5, CSS3, and responsive design, ensuring modern, engaging web interfaces that provide excellent user experience.
- ❖ Basic knowledge of ServiceNow and familiarity with JavaScript frameworks like Angular, applying core concepts when necessary.
- ❖ Deep understanding of IT processes, including design, implementation, and operations, to deliver robust and scalable solutions.
- ❖ Experienced in working with geographically distributed teams, fostering effective communication and alignment across time zones.
- ❖ Strong understanding of cross-browser compatibility issues and adept at implementing solutions to ensure consistent functionality and design across major web browsers.
- ❖ Ambitious and proactive, always ready to help where needed while fostering strong relationships through cultural sensitivity and collaboration.
- ❖ Skilled at achieving goal alignment, demonstrating learning agility, and continuously adapting to new challenges. Driven by a passion for building innovative, high-quality products with enthusiasm and precision.
- ❖ Advanced English fluency, both verbal and written, with a professional and empathetic approach to communication. A collaborative team player who excels as a proactive problem solver and takes initiative to achieve goals effectively.

TECHNICAL SKILLS:

Programming Languages:	Java, Python
Web technologies:	ReactJS, Angular, HTML, CSS, JavaScript, JSON, Bootstrap, Tailwind CSS, TypeScript
Backend Frameworks	Spring Boot, Node.js
Database Management:	MYSQL, MongoDB
Application Management Tools:	Jira, ServiceNow
Containerization & Orchestration:	Docker, Kubernetes
Operating Systems:	Linux, Windows 10/8/7
Web Services:	SOAP, RESTful
Version Control:	Git-Hub, Git
Build Tools:	Apache Tomcat, Spring Boot, Jenkins, Babel
Methodologies:	Agile, Scrum
Cloud Platforms	AWS, Google Cloud, Azure
Development Tools	Visual Studio, Eclipse, Postman

EDUCATION:

- Trine University, Angola IN
 - Master of Science (MS) in Information Studies
- Rajiv Gandhi University of Knowledge and Technologies – India
 - Bachelor of Technology in Computer Science and Engineering

CERTIFICATIONS:

- ReactJS, Namaste React
- The Complete 2024 Web Development Bootcamp, Udemy
- Java Programming Masterclass updated to Java 17, Udemy
- Rajiv Gandhi University of Knowledge and Technologies, India
 - Attended workshop on BrainTech-17 Network & Cyber Security Championship
 - Worked as Representative for Helping Hands Organization-for the Needy

PROFESSIONAL EXPERIENCE:

INFOSYS LTD – BANGALORE, INDIA

Feb 2020 — Aug 2022

Senior Systems Engineer

Project: RHPAM (RedHat Process Automation Management)

Client: Verizon

Responsibilities:

- ❖ Collaborated with product owners, business users, and stakeholders to understand functional requirements and deliver clear, scalable technical solutions.
- ❖ Successfully migrated legacy Bonita technology screens to modern React-based UIs, enhancing user experience, performance, and maintainability.

- ❖ Developed responsive web pages using JavaScript, React.js, and the Canvas library, integrating React Redux and Redux Toolkit for efficient state management and smooth DOM manipulation.
- ❖ Implemented the latest ECMAScript features (ES6+), including arrow functions, promises, async/await, DE structuring, and modules, to write clean and modern JavaScript code.
- ❖ Proficient in implementing real-time features with WebSocket's and handling asynchronous operations efficiently using Async/Await.
- ❖ Designed and implemented RESTful APIs with Spring Boot, handling complex business logic and facilitating seamless data exchange.
- ❖ Integrated front-end and back-end systems using APIs with Axios and web services (SOAP and REST), ensuring smooth communication and functionality.
- ❖ Created reusable components with Storybook and styled applications using Bootstrap, enabling rapid prototyping and ensuring consistent, high-quality interfaces.
- ❖ Ensured code quality and maintainability by writing unit tests with Jest and React Testing Library, improving test coverage and analyzing quality with SonarQube.
- ❖ Utilized testing frameworks like Jest and Enzyme to write comprehensive unit tests, ensuring high-quality code and minimal bugs throughout the development lifecycle.
- ❖ Streamlined version control and CI/CD processes using Git and Jenkins, automating build, test, and deployment pipelines for faster and more reliable releases.
- ❖ Resolved cross-browser compatibility issues, ensuring seamless functionality across modern and legacy browsers.
- ❖ Led production deployments from start to finish, coordinating cross-functional teams to troubleshoot and resolve real-time issues for successful rollouts.
- ❖ Actively participated in all stages of the SDLC under Agile Scrum methodology, contributing to analysis, design, development, integration, and testing.
- ❖ Collaborated with the UI/UX team to translate legacy designs into modern React-based interfaces, improving user interaction and engagement.
- ❖ Documented project details using Confluence, providing clear and accessible records for stakeholders and team members.
- ❖ Managed project tracking and tasks with Jira, ensuring alignment with sprint goals and timely delivery of deliverables.
- ❖ Worked closely with onshore teams to gather and validate migration requirements, ensuring seamless integration and meeting deadlines.
- ❖ Enhanced development workflows by leveraging Visual Studio Code's debugging tools, integrated terminal, and extensions like ESLint and Prettier for cleaner, more efficient code.
- ❖ Optimized build and deployment pipelines using Jenkins, ensuring rapid and reliable application releases.
- ❖ Supported live environment deployments, performing tests and troubleshooting issues to ensure proper functionality and performance.
- ❖ Maintained effective communication with clients, providing regular updates and ensuring alignment with business needs throughout the project lifecycle.
- ❖ Developed and maintained scalable server-side applications using Node.js, ensuring high performance and low latency.
- ❖ Hands-on experience with NPM for managing dependencies, building projects, and optimizing development processes.

INFOSYS LTD, MYSORE, INDIA
Systems Engineer Trainee
Responsibilities:

- ❖ In the technology stream level, I trained in Java, Spring, Spring Boot, Spring MVC, and Rest Web Services.
- ❖ Developed proficiency in Java, Python, Angular and MySQL, HTML5 & CSS3 through comprehensive training led by industry experts.
- ❖ Developed Business Communication skills as part of LND (Learning and Development) soft skills.

FOXCLAD BUSINESS SOLUTIONS, BANGALORE, INDIA

Jan 2019 — Dec 2019

Web Design Intern

Responsibilities:

- ❖ Designed and developed responsive web pages using **HTML5**, **CSS3**, **JavaScript** and **Bootstrap**, ensuring mobile-first design principles and cross-browser compatibility.
- ❖ Built dynamic and interactive user interfaces using **React.js**, implementing reusable components to streamline development and enhance maintainability.
- ❖ Developed backend logic using **Java**, ensuring seamless data processing and integration with the frontend.
- ❖ Created and managed a scalable database schema in **MySQL**, optimizing queries to ensure efficient data storage and retrieval.
- ❖ Built and tested RESTful APIs with **Java** and validated their performance using **Postman** for seamless frontend-backend communication.
- ❖ Debugged and resolved application issues using browser developer tools and logging frameworks, ensuring smooth user experiences.
- ❖ Implemented CRUD operations to enable dynamic content updates and ensure robust application functionality.
- ❖ Optimized website performance by reducing CSS load times and leveraging lazy loading techniques for React components.
- ❖ Collaborated with designers and developers to translate mockups into functional web pages, adhering to best UI/UX practices.
- ❖ Ensured application responsiveness and design consistency across devices using **Bootstrap's grid system** and prebuilt components.
- ❖ Conducted cross-browser and device testing to validate application functionality and address compatibility issues.
- ❖ Wrote clean, maintainable, and well-documented code adhering to best practices, ensuring ease of future updates.
- ❖ Presented project updates and final deliverables to stakeholders, incorporating feedback to refine and improve functionality.
- ❖ Participated in Agile sprints, contributing to feature development, testing, and deployment phases of the project.
- ❖ Enhanced SQL query performance to reduce database response times and improve application efficiency.
- ❖ Documented workflows, database structures, and API specifications to ensure clear understanding for future developers.