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Jesila Ratnaprin

FrontEnd Developer

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Summary

Front-end developer with 7+ years of experience building responsive, user-focused web applications using React, Angular, TypeScript, and JavaScript. Skilled in delivering pixel-perfect designs, optimizing performance, and collaborating in Agile teams to develop scalable, high-quality UI. Experienced in mentoring junior developers and integrating APIs to enhance user experience and application functionality.

Skills

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3

Frameworks & Libraries: React.js, Next.js, Angular 16+, Redux, jQuery

Styling & UI: Tailwind CSS, Bootstrap, ag-Grid, Material UI, SASS/SCSS

Testing & Debugging: Jest, Cypress, Enzyme, Jasmine, Karma, Browser DevTools

CI/CD & DevOps Tools: Jenkins, Azure DevOps, Team City, Git, GitHub, Webpack, NPM, Docker

API & Backend: Node.js, Express.js, MongoDB, PostgreSQL, REST APIs, Ajax, Axios, GraphQL, JSON, SQL

Design & Collaboration: Figma, JIRA, Slack

IDEs & Code Editors: VS Code, IntelliJ, Eclipse

Work Experience

SENIOR FRONT-END DEVELOPER

Accenture | OCT 2021 — JUL 2024

NatWest RBS – Nordisk Renting & CRADLE | *React, TypeScript, JavaScript, Jest, Cypress, TeamCity, BitBucket* Jan 2023 - Jul 2024

- Developed dynamic Cascade Screens and climate model pages using React and Tailwind CSS, enhancing user interaction and page load time by 25%.
- Acted as a technical team lead, providing daily technical guidance, mentoring, and code reviews for junior developers, which improved code quality and boosted team productivity.
- Collaborated with cross-functional teams in an Agile SDLC environment, contributing to requirement analysis, sprint planning, development, and testing to align deliverables with business goals and achieve 95% on-time sprint delivery.
- Built custom forms using grid layouts, implemented data visualizations with Chart.js, and developed a custom Date Picker component for the LMS to support month/year selection, improving user input efficiency by 40%.
- Learned and implemented Cypress from scratch, developing and maintaining automated test suites that reduced manual QA efforts by 50%.
- Architected scalable front-end solutions using object-oriented principles and optimized component rendering and data handling by applying data structure and algorithm concepts.

United Utilities – Monitoring & Control System | *React, Angular, TypeScript, Azure DevOps, Redux Toolkit, Jest* Mar 2022 - Dec 2022

- Designed and implemented the Rapid Gravity Filtration Process page with SVG flowcharts, calendar-based alert tracking, and integrated Tableau widgets to enhance operational visibility.
- Managed application state using Redux Toolkit, improving code maintainability and reducing bugs across modules by 25%.
- Authored robust unit tests with Jest and performed cross-browser and penetration testing, increasing application security and performance compliance score by 20%.
- Applied performance optimization techniques, ensured accessibility compliance (WCAG), and followed responsive, mobile-first design principles to deliver a fast and inclusive user experience across devices.

Comcast – MyAccountWeb & Xfinity Bill Pay | *React, Angular 8+, Ruby on rails, Jest, Jasmine, Karma, GitHub* Oct 2021 - Mar 2022

- Developed the Xfinity Bill Pay website and fallback pages as part of a micro-frontend architecture, delivering modular, reusable code that reduced feature development time by 30%.
- Resolved critical production bugs in the MyAccount application (Angular-based), improving performance and enhancing customer experience, resulting in a 15% drop in support tickets.
- Integrated backend services by collaborating with Ruby on Rails teams to implement secure models and API routes for seamless payment processing.

JUNIOR FRONT-END DEVELOPER

HCL Technologies | JAN 2019 — OCT 2021

Cisco – Cisco Network Planner | React.js, JavaScript, Jest, Redux, Jenkins, Docker, SonarQube, BitBucket, Jira Jan 2019 - Oct 2021

- Built reusable React components using lifecycle methods and implemented state management with Redux and Context API, streamlining data flow and reducing code duplication by 40%.
- Used React Profiler and Chrome DevTools to analyze and resolve rendering bottlenecks, optimizing frontend performance and reducing re-renders by applying techniques like lazy loading and code splitting.
- Developed dynamic data tables using ag-Grid and optimized frontend performance, increasing code coverage to 80% and enhancing cross-browser compatibility.
- Implemented modern React enhancements, introducing React Hooks across the codebase and leading peer knowledge sessions to upskill the team.
- Recognized for proposing architecture improvements that reduced code complexity and improved maintainability, resulting in smoother onboarding for new developers.

DEVELOPER

Cognizant | FEB 2017 — JAN 2019

AbbVie – License Request Tool | React.js, JavaScript, Jest, Docker, BitBucket, Jenkins, Jira, Java, jQuery Feb 2017 - Jan 2019

- Developed and maintained features for the LRT application using JavaScript, React, and Redux, contributing to a 20% improvement in frontend performance and user experience.
- Created reusable React components and implemented unit test cases using Jest, increasing code reliability and reducing bugs by 30%.
- Led the initial Redux setup and migrated existing components, improving state management efficiency and simplifying data flow across the app.
- Collaborated with external vendors to troubleshoot issues and implement feature enhancements, reducing turnaround time for fixes by 25%.

Education

Bachelor of Engineering in Electronics and Communication

JUN 2012 - MAY 2016

Loyola-ICAM College of Engineering and Technology, Anna University

CGPA: 8.38/10

Chennai, Tamil Nadu, India

Relevant Coursework: Object Oriented Programming, Data Structures and Algorithms, Operating Systems, Computer Networks, C, C++, JAVA, SQL

Projects

• Climatrack-Weather Forecast App | React 19, Tailwind CSS, OpenWeather API, Netlify

DEC 2024 - FEB 2025

Built a responsive weather forecasting app that provides real-time weather data for searched locations. Features include current conditions, 3-hour interval forecast, and a 7-day outlook, with dynamic backgrounds based on weather conditions.

• YC Directory – Virtual Pitch Platform | React 19, TypeScript, Next.js Tailwind CSS, Shadcn, Vercel

MAR 2025 - APR 2025

Developed a clean, responsive platform that allows entrepreneurs to submit startup ideas, browse community pitches, and participate in virtual pitch competitions. Integrated Sanity CMS for dynamic content management and Sentry for real-time error monitoring.

Awards & Certifications

• “Star of the Month” – Cognizant

Awarded for consistently delivering high-quality features and closing key bugs before sprint deadlines.

• “Knowledge Champion” (x2) – HCL

Recognized for proposing innovative solutions and mentoring team members on React best practices.

• “Client Value Creation” – Accenture

Earned for successfully leading the transition and delivery of BAU work, ensuring smooth handover and minimal client disruption.

• "Oracle Certified Associate, Java SE 7 Programmer" (2017) - Cognizant