

Clare Rani Augustine | Full Stack Software Developer

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Full Stack Software Developer with 8+ years of experience designing, developing, and maintaining scalable web applications. Strong expertise in React, TypeScript, RESTful API integration, and enterprise system modernization. Experienced in optimizing application performance, accessibility (WCAG), and secure deployment workflows. Passionate about building reliable, user-focused applications in collaborative, cross-functional environments.

Selected Engineering Impact

- Improved enterprise platform responsiveness by **30%** through performance optimization and state management refactoring
- Reduced regression defects by **25%** by introducing structured unit testing with Jest and React Testing Library
- Increased transaction success rates by **35%** through robust backend integrations
- Modernized legacy UI architecture, improving developer velocity and maintainability
- Led accessibility improvements aligned with WCAG standards across enterprise applications

TECHNICAL EXPERTISE

Front-End Technologies: React, TypeScript, JavaScript (ES6+), HTML5, CSS3, SASS, Material UI, Bootstrap

State Management & Architecture: Redux, React Query, Micro-Frontend Architecture, Component Libraries, REST APIs

Testing & Code Quality: Jest, React Testing Library, ESLint, Unit Testing, TDD, Code Reviews

Performance & Accessibility: Performance Optimization, Lazy Loading, Code Splitting, Web Vitals, WCAG Compliance, ARIA

DevOps & Tooling: CI/CD Pipelines, Jenkins, Git, Webpack, Babel, Agile, Scrum

Backend & Cloud Exposure: Node.js, Express, MongoDB, MySQL, PostgreSQL, AWS (S3, EC2), GCP

PROFESSIONAL EXPERIENCE

Front-end Developer, Intellifi | Vancouver, Canada | Oct 2023 – Oct 2024

Contributed to the development and modernization of **Orbit Genesis** and **Orbit Vantage**, two enterprise-scale commercial lending platforms powering Canada's top lenders and processing \$100B+ in commercial mortgages. These systems support end-to-end underwriting workflows, configurable approval chains, risk monitoring, portfolio stress testing, reporting, and centralized document lifecycle management.

Key Contributions

- Led front-end development for modular React applications supporting complex multi-stage workflows and portfolio lifecycle systems
- Contributed to initial platform setup and architecture of Orbit Vantage, establishing scalable UI structure and state management patterns
- Built configurable workflow interfaces for underwriting, approvals, alerts, reporting, and portfolio risk exposure monitoring
- Designed reusable component systems to ensure consistency and scalability across multiple modules
- Implemented Redux-based state management strategies to handle large, dynamic financial datasets
- Optimized rendering performance and reduced unnecessary re-renders, improving responsiveness by 30%
- Integrated REST APIs and collaborated closely with backend and DevOps teams to streamline CI/CD deployment workflows
- Introduced structured unit testing with Jest and React Testing Library, reducing regression defects by 25%
- Improved developer productivity by refactoring shared UI modules and enforcing linting and testing standards
- Collaborated with engineering teams to refine workflow UX based on internal stakeholder feedback
- Participated in production support and incident troubleshooting in high-availability enterprise environments

IT Analyst, TATA Consultancy Service | India | Oct 2021 – June 2023

Contributed to a secure, compliant digital banking solution for a major U.S. client, ensuring reliability and accessibility across platforms.

- Implemented micro front-end architecture with React and MVC, enabling modular and scalable development.
- Contributed to high-availability banking workflows serving large-scale user bases under strict compliance requirements.
- Transformed high-fidelity Figma designs into dynamic, WCAG-compliant UIs.
- Integrated accessibility features and resolved usability issues based on QA and stakeholder feedback.
- Led front-end code quality initiatives, reducing bugs and ramping up new developers effectively.

Senior Software Engineer, Travancore Analytics | India | Jun 2019 – Sep 2021

Built customer-facing and enterprise-level solutions across sectors using modern JavaScript stacks and cloud services.

- Engineered scalable front-end apps using React, Redux, Angular, and TypeScript.
- Implemented Single Sign-On (SSO) and LDAP-based auth flows for enterprise-grade access control.
- Leveraged AWS S3 and Lambda for cost-effective and scalable backend integration.
- Integrated security best practices from OWASP, contributing to secure-by-design workflows.

Assistant Programmer, SISL Infotech | India | April 2017 – Mar 2019

Supported eCommerce projects and fintech applications with a focus on backend integrations.

- Developed payment gateway integrations, improving transaction success rates by 35%.
- Assisted senior engineers with feature delivery, QA testing, and deployment.

Junior Developer, Xminds Infotech | India | Oct 2015 – Mar 2017

- Developed robust server-side and client-side code for multiple web application projects using PHP, HTML, CSS, MySQL, and JavaScript, primarily focusing on the Symfony framework.

EDUCATION & CERTIFICATIONS

- B. Tech in Computer Science Engineering, M.G University | India | 2010 – 2014
- Microsoft Certified - Azure Fundamentals
- Databricks: Academy Accreditation - Generative AI Fundamentals