Benoy Armstrong Jaison

SENIOR FRONTEND ENGINEER | TECHNICAL LEAD | REACT - ANGULAR - TYPESCRIPT

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SUMMARY

Senior Frontend Engineer and Technical Lead with 15+ years of experience developing enterprise applications, building reusable UI architectures, and leading frontend engineering teams. Hands-on expertise in React, Angular, TypeScript, JavaScript, design systems, microfrontends, and modern frontend development practices, with additional experience in full-stack development using Java Spring Boot, Oracle SQL, Next.js, and Supabase. Experienced in technical architecture, developer mentoring, accessibility remediation, automated testing, and delivering complex business workflows across financial services and enterprise content-management platforms.

CORE TECHNOLOGIES

Frontend	React 19, Angular, TypeScript, JavaScript ES6+, Next.js, Vue.js (POC), jQuery, HTML5, CSS3, SASS/SCSS, Tailwind CSS, Radix UI, React Native
State / APIs	NgRx, RxJS, TanStack Query, Axios, REST APIs, React Hook Form, Zod
Testing / Delivery	Rstest, Testing Library, Happy DOM, Cypress, Jasmine (legacy Ext JS), Storybook, Vite, Docusaurus, Git, GitLab CI/CD, Docker, Nginx
Additional	WCAG accessibility remediation / ARIA, UX wireframing, Figma, Adobe XD, Java / Spring Boot, Node.js, Oracle SQL

PROFESSIONAL EXPERIENCE

Senior Technical Lead - Frontend | Client: **Iron Mountain** | Dec 2025 - Oct 2026

Project Description: DXP Portal / Atlas UI - React/TypeScript portal with modular microfrontends, shared design-system packages, authentication workflows, schema-driven forms, and backend-integrated business interfaces.

- Owned end-to-end development of complex, responsive React 19 / TypeScript application areas, building reusable UI components and API-integrated workflows within an enterprise SPA/microfrontend platform.
- Contributed to the Atlas UI design system, integrating and customizing shadcn/ui and ReUI components across shared core, composite, SDK, and theme packages.
- Collaborated extensively with designers and engineers using Figma to review screen designs, translate mockups into responsive React components, and sketch workflow ideas and diagrams.
- Implemented API data handling and server-state workflows using TanStack Query and Axios; built dynamic forms with React Hook Form and Zod validation.
- Developed and integrated Module Federation microfrontends, maintaining consistency across shared components and authentication flows.
- Created unit and component tests using Rstest, Testing Library, and Happy DOM; maintained more than 80% test coverage.

Tech: React 19, TypeScript, TanStack Query, React Hook Form, Zod, Axios, Tailwind CSS 4, Radix UI, Figma, Storybook, Vite, Rstest, Testing Library, Happy DOM, Docker, Nginx, GitLab CI/CD, Docusaurus

Software Developer | Client: **Bank of America** | Mar 2024 - Sep 2025

Project Description: FLASH - Fraud-service application used by call-center associates to review customer transactions, investigate fraud calls, and manage customer-facing workflows.

- Developed complex interactive, responsive UI features using JavaScript, jQuery, HTML, CSS, and SASS, improving fraud case workflows and presentation of customer information.

- Resolved all accessibility issues assigned by Bank of America's internal compliance team, including keyboard navigation, tab order, ARIA attributes, and accessible UI interactions; achieved zero outstanding findings and passed the organization's WCAG compliance review.
- Implemented end-to-end features spanning frontend code, Java Spring Boot controllers, and Oracle SQL queries to support business requirements.
- Partnered with business users and engineering teams to refine workflows and improve usability based on call-center feedback.
- Created React and Vue.js proof-of-concept implementations to evaluate modernization of legacy frontend interfaces; participated in code reviews and Agile delivery.

Tech: JavaScript, jQuery, HTML, CSS/SASS, React (POC), Vue.js (POC), Java Spring Boot, Oracle, Bitbucket, Jenkins, Jira

Software Developer | Client: **Fidelity** | Apr 2021 - Aug 2022

Project Description: AgentBOT - Enterprise application supporting agent-facing business processes; frontend modernization included a major Angular 11 / TypeScript rewrite and decoupling of workflow modules.

- Participated in modernization of a complex application into reusable Angular 11 / TypeScript frontend modules and components.
- Built and enhanced responsive user-facing workflows with HTML and SCSS, integrating Angular components with backend services and application data.
- Wrote Cypress end-to-end automated tests for critical application workflows to help prevent regressions.
- Collaborated in architecture discussions, code reviews, defect resolution, and Agile delivery; worked with Node.js as part of the application stack.

Tech: Angular 11, TypeScript, Node.js, Java, HTML, SCSS, Cypress, Jira

Software Developer | Client: **Bank of America** | Oct 2019 - Apr 2021

Project Description: MACFLASH - Fraud-associate web application developed from inception to consolidate customer information and support investigation and call-center workflows.

- Built the frontend application and data-driven UI workflows from scratch using JavaScript, jQuery, HTML, CSS, and SASS, integrating with Java services and Oracle data.
- Created UI wireframes and translated visual designs and business feedback into reusable components, responsive screen layouts, and simplified navigation.
- Worked directly with associates to observe workflows and improve task efficiency, usability, form interactions, and keyboard-friendly navigation.
- Implemented frontend-to-backend integrations and collaborated with engineering and business stakeholders throughout delivery.

Tech: JavaScript, jQuery, HTML, CSS/SASS, Java, Oracle, Git, Bitbucket, Jenkins

Software Developer | Client: Iron Mountain | Jun 2016 - Oct 2019

Project Description: Record Center / Iron Mountain Connect / IRM Mobile - Information-management web platform and companion cross-platform mobile application supporting complex customer workflows.

- Developed and enhanced enterprise frontend modules supporting records management, customer-facing workflows, and integration with backend services.
- Developed and enhanced Angular / TypeScript and JavaScript frontend modules, interactive workflows, reusable UI patterns, and REST API integrations for enterprise web applications.
- Collaborated with product owners, business analysts, QA, and engineers on application architecture, maintainable coding patterns, and delivery.
- Contributed to IRM Mobile using React Native, developing reusable mobile screens, navigation, forms, responsive layouts, and backend-integrated features for iOS and Android.

Tech: Angular 2/4, TypeScript, JavaScript ES6, React Native, Node.js, REST APIs, HTML, CSS, Java, Oracle, GitHub, Jenkins, Jira

UI Architect / Senior Technical Lead | Client: Iron Mountain | Jan 2012 – Jun 2016

Project Description: Record Center / Iron Mountain Connect - Enterprise records management platform enabling business customers to search, manage, and request retrieval of physical records securely stored at Iron Mountain facilities. The platform supported box and file inventory management, records search, retrieval and pickup orders, and order tracking.

- Developed and enhanced enterprise frontend modules supporting records management, customer-facing workflows, and integration with backend services.
- Built reusable UI components and interactive interfaces using JavaScript, Ext JS, HTML, and CSS across different phases of application development.
- Served in a technical leadership role, mentoring developers, conducting code reviews, and contributing to frontend architecture and design decisions.
- Collaborated with business analysts, backend engineers, QA teams, and stakeholders to implement and maintain complex business requirements.
- Contributed to application modernization, reusable component patterns, responsive UI development, and maintainable frontend architecture.

Tech: Ext JS, JavaScript ES6, Jasmine, Node.js, REST APIs, HTML, CSS, Java, Oracle, Jenkins, GitHub, Jira

EARLIER EXPERIENCE

Senior Web Designer — Infinite Computer Solutions (Consultant) | 2011–2012
Senior Web Designer — Enventure Technologies | 2009–2010
Senior Graphic Designer / VP Operations — Outsource Divas | 2006–2009
Web Designer & Programmer — NextLevel Technologies | 2005–2006
Graphic Designer & Animator — Indriyum | 2003–2004

Earlier experience included web application development, JavaScript/jQuery, HTML/CSS, responsive and cross-browser UI, AJAX/JSON integration, UX/design, animation, graphic design, and technical/team leadership.

INDEPENDENT PROJECTS

- Buynion — Next.js / TypeScript consumer marketplace: building responsive, reusable request, provider-offer, quote-comparison, and status-driven workflows with Tailwind CSS, shadcn/ui, and Supabase.
- Administration Platform — Next.js / TypeScript / Supabase: developing responsive multi-role administration interfaces, hierarchical data workflows, access controls, multilingual support (English, Malayalam, Hindi), and reusable UI patterns.

EDUCATION

Master of Computer Applications - Manonmaniam Sundaranar University, 2004
Bachelor of Science (B.Sc.) in Mathematics - Kerala University, 2001