

ALFIN JAISON

Software Engineer

+91 7994219906 | alfinjaison10@gmail.com | <https://alfinjaison.github.io> | <http://linkedin.com/in/alfin-jaison>

Professional Summary

Versatile Full-Stack Software Engineer with 5 years of experience delivering robust, user-centric web applications across the banking, retail, and building management domains. Specializes in frontend development using React and TypeScript, with a strong focus on performance, usability, and responsive design. Experienced in building dynamic, real-time interfaces and custom visual tools. On the backend, proficient in developing and integrating APIs using Node.js, Java Spring Boot, and PostgreSQL, with hands-on experience in workflow design, role-based access control, and automation. Skilled in test-driven development and well-versed in CI/CD pipelines using Jenkins. Known for mentoring developers, leading agile teams, and delivering maintainable, high-quality solutions in fast-paced environments.

Work Experience

HSBC, Software Engineer | Pune, India

February 2024 – Present

- Developed an Investment Guideline Processing Application using Angular, Java Spring Boot, and PostgreSQL to streamline mandate audits.
- Implemented workflow-based functionality with role-based access control for defining, testing, and reviewing investment guidelines.
- Improved UI performance and test coverage by resolving bugs and writing Jasmine unit tests, ensuring SonarQube quality compliance.
- Managed CI/CD processes with Jenkins and handled sprint planning, daily scrums, and JIRA task tracking.
- Automated transaction detail extraction from emails and PDFs using Python, Flask, and OCR libraries.
- Led a cross-functional Scrum team of 5, managing sprint planning, daily standups, retrospectives, and JIRA backlog grooming.
- Mentored junior developers and interns by conducting structured KT sessions and code walkthroughs, enhancing onboarding efficiency.
- Improved frontend performance by refactoring Angular modules and optimizing change detection strategies.
- Built custom Jenkins pipelines for automated builds and deployments, improving delivery efficiency.
- Conducted technical interviews and contributed to hiring decisions to scale the frontend team.

Coolshop Srl, Frontend Developer | Dubai, UAE

October 2022 – January 2024

- Coordinated with product owners and UI/UX teams to align technical execution with business requirements.
- Spearheaded migration of legacy JavaScript components to TypeScript, improving code reliability and maintainability.
- Optimized Redux state management by implementing lazy loading and modular reducers, reducing app load time.

- Established a frontend component library in Storybook to standardize design patterns across projects.
- Actively participated in code reviews and Scrum ceremonies to ensure consistent delivery.
- Built a high-performance Vehicle Configurator (CPQ) using React, Redux, TypeScript, and Vite.
- Designed interfaces with Material UI, Styled Components, and CSS-in-JS techniques.
- Created a Customer Portal using React (TypeScript) with backend integration using Node.js and PostgreSQL.
- Debugged Salesforce and Optimizely integrations in Node.js.
- Used npm, yarn, ESLint, and Prettier for dependency and code quality management.

Adeptus Technologies LLC, Frontend Developer | Dubai, UAE

August 2020 – July 2022

- Developed an interactive “Graphics Builder” module using React and Konva.js, enabling users to visually design BMS layouts by placing equipment images and real-time sensor values. Added support for live data updates and custom logic-based GIF animations.
- Led the redesign of the Building Management System (BMS) dashboard, improving usability and significantly reducing support tickets.
- Integrated real-time MQTT alerts into the frontend, implementing reconnection logic and fallback UI for improved reliability.
- Introduced unit testing practices using Jest, increasing test coverage by 40% and fostering a test-driven development culture.
- Built a modern, user-friendly UI for the BMS using Next.js, React, and GraphQL.
- Developed dynamic dashboards using Ant Design, Highcharts, and React Grid Layout to present data-rich visualizations.
- Created responsive, cross-device interfaces using Flexbox, CSS Grid, and preprocessors for consistent user experience across screen sizes.

Technical Skills

Frontend: React.js, TypeScript, JavaScript (ES6+), Redux, Context API, CSS-in-JS, Styled Components, Tailwind CSS, Material UI, Ant Design

Testing & Quality: Jest, Jasmine, JUnit, SonarQube, ESLint, Prettier

Build Tools & DevOps: Vite, Webpack, npm, Github, Jenkins, Git, CI/CD pipelines

Back-End & API: Node.js, Java Spring Boot, REST APIs, PostgreSQL, MySQL

Other Tools: Python, Flask, GraphQL, Docker, Linux, JIRA

Education

Master of Computer Applications (MCA)

Manipal University Jaipur — November 2023

Bachelor of Computer Science

Heriot-Watt University, Dubai — September 2017 to September 2020