

# JANITHA A. JAYASINGHE

## Senior / Lead Software Engineer (Mobile & Web)

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**Language :** English | Sinhala



## PROFESSIONAL SUMMARY

Senior Software Engineer with **8+ years of experience** in mobile and web application development, specializing in **React Native, Flutter, React.js, and Next.js**. Proven track record of delivering **scalable, high-performance applications** used by thousands of users. Strong experience in **frontend architecture, performance optimization, CI/CD**, and **leading frontend teams**. Effective collaborator with product, QA, and backend teams in **Agile environments**, with direct exposure to **client communication and delivery ownership**.

## PROFESSIONAL EXPERIENCE

### ☐ **Senior Software Engineer (Lead Mobile & Web) | | Ideabits Lanka (Sweden) | 2018 -**

#### ***Present***

- Led development of **multiple production-grade mobile and web applications** using React.js, React Native, and Next.js, supporting **10K+ active users** across platforms.
- Designed and maintained **scalable frontend architectures**, improving page load performance by **25-35%** through code-splitting, memoization, and UI optimization.
- Defined frontend architectural standards and reusable component patterns across projects.
- Implemented and maintained **CI/CD pipelines**, reducing deployment time and minimizing release-related issues.
- Mentored and guided a frontend team of **3 engineers**, conducting regular code reviews and enforcing coding standards.
- Acted as the **primary frontend point of contact** for clients, collaborating closely with architects, product managers, and QA teams to ensure timely and high-quality delivery.
- Owned end-to-end mobile release cycles for **iOS (App Store)** and Android (**Google Play**), including build generation, store compliance, versioning, and production rollouts.
- Wrote and maintained **frontend test suites** covering critical user flows, improving release confidence and reducing post-release defects.
- Owned frontend quality, performance monitoring, and production stability across releases.

### ☐ **Web Developer | | KLOC Digital Solution (UK) | 2017 - 2018**

- Developed **responsive, cross-browser web interfaces** using modern JavaScript frameworks and CSS methodologies.

- Integrated frontend applications with backend systems and databases, improving data flow reliability and UI responsiveness.
- Worked directly with clients to gather requirements, propose technical solutions, and deliver features within agreed timelines.

## ☐ **Web Developer | | Mebox Creative Agency | 2015 – 2017**

- Gained hands-on experience in **HTML, CSS, JavaScript**, and responsive web development fundamentals.
- Implemented **UI components and page layouts** based on designer-provided mockups.
- Learned and applied **cross-browser compatibility** and responsive design principles.
- Assisted in integrating frontend pages with basic backend systems and databases.
- Fixed UI bugs, layout issues, and styling inconsistencies under senior developer guidance.
- Collaborated with designers and senior developers to understand **real-world development workflows**.
- Built a strong foundation in **clean code practices, version control, and teamwork**.

## **TECHNICAL SKILLS**

- **Languages:** JavaScript, TypeScript, PHP, SQL, HTML, CSS, SASS.
- **Frameworks & Libraries:** React.js, React Native, Next.js, Flutter, Redux, Expo, Jest, Tailwind CSS, Material UI, Ant Design.
- **Tools & Platforms:** **Cursor** (AI-assisted code navigation, refactoring, debugging), **GitHub Copilot** (code suggestions, test scaffolding, productivity enhancement), Git, GitLab, Bitbucket, Jira, AWS, GCP, Firebase, Xcode, Android Studio, VS Code, **Firebase** (Auth, Firestore, Cloud Functions, Hosting, Push Notifications),
- **Practices:** Unit Testing, Agile/Scrum, CI/CD, Code Review, Performance Optimization.
- **Platforms / CMS** - WordPress (CMS, theme development, plugin integration), Joomla, Shopify, Jekyll.
- **Databases:** MySQL, MongoDB

## **EDUCATION**

- ☐ BSc in Computing – (London Metropolitan University)
- ☐ HND in Computing & Software Development (London Metropolitan University)

## **KEY PROJECTS**

### **1. Hale - Coaching App (2024 - 2025) | | Lead Frontend & Mobile**

- Developed mobile application for **iOS** and **Android platforms** using modern React Native architecture.
- Defined **frontend architecture** and **reusable** component patterns to ensure scalability and maintainability.
- Implemented **component-level and functional test cases** to validate core user journeys and prevent regressions.
- Optimized rendering performance and state management to improve app responsiveness and user experience.
- Collaborated closely with **QA, product, and backend teams** to identify edge cases and ensure release stability.
- **Owned App Store and Google Play releases**, including pre-release testing, validation, and production rollout.
- Enforced frontend best practices through code reviews and technical guidance.

### **2. Financial Document Extractor (Internal POC) | | Lead Frontend (2023 – 2024)**

- Led frontend development of a **production-ready web application** using **Next.js** and Tailwind CSS.
- Integrated **OpenAI APIs** and data visualization tools to automate document analysis workflows.
- Improved data processing and UI response times by **30%** through optimized rendering and state handling.
- Conducted code reviews and enforced best practices across the frontend team.

### **3. SprintCrowd – Virtual Running App | | Software Engineer (2022 – 2023)**

- Developed and optimized mobile and web features using **React Native and React.js** for a fitness application with **global users**.
- Wrote and maintained **test cases for critical flows** such as authentication, activity tracking, and user dashboards.
- Worked in Agile teams and improved application performance and UX.

### **4. Growloop - Digital Leadership coach app | | Software Engineer (Mobile & Web) (2021 – 2023)**

### **5. Online Golf Course Booking App | | Software Engineer (Mobile) (2019 – 2020)**