

Thahsan

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EXPERIENCE

2025 March - Present

[SUBSCRIPT](#)

Remote

Consulting Senior Software Engineer

- Designed and implemented a scalable server-side pattern to request user confirmations from the front-end, enhancing communication flow and reliability
- Introduced safeguards to prevent incorrect invoice charges, significantly reducing the risk of billing errors
- Developed a performant batch processing job using tail recursion to efficiently handle large datasets without memory bottlenecks
- Authored three RFC documents proposing workflow improvements that reduced technical debt and enhanced overall developer productivity
- Investigated and resolved a complex hidden bug that was stalling Stripe payments for over 100 customers, restoring transaction reliability

Keywords: ReactJS, Context API, ExpressJS, Postgres, Knex, Redis, Bull, Cron, Heroku, External integrations (Hubspot, Salesforce, Xero, Quickbooks, Stripe), Jest, Playwright, Docker

2023 December - 2025 March

[FCODE LABS](#)

Singapore, SG (Remote)

Technical Lead

- Directed the development of the [Mindline](#) mobile app for [MOHT](#), refactoring 20% of the codebase to enhance developer experience and maintainability
- Collaborated with the web team on key B2B features for the Mindline web app, directly contributing to the timely delivery of 3 sprints
- Spearheaded an initiative that refined the CI/CD process; identified key bottlenecks which led to **freeing up valuable resources equivalent to four full workdays per month** for engineering teams
- Evaluated 2 critical products as part of the Compliance Review Board, matching industry standards
- Mentored 8 engineers in 2024, focusing on improving communication and technical skills

Keywords: React Native, Redux toolkit, Firebase, AWS, MFA, Mobile Security, Native Module, Jest, Detox, Next.js, GitLab CI/CD, Fastlane, Node.js, UI/UX, Typescript

2022 October - 2023 December

[TRADECARD](#)

London, UK (Remote)

Software Architect - Mobile

- One of the 5 **founding members** of the startup, playing a pivotal role in shaping the technical direction, culture and growth, and **owning the mobile division**
- Developed an automated deployment pipeline, resulting in a **time savings of 45 developer hours each quarter**; allowing the team to focus on high-impact features and enhancements
- Managed 3 sprints as **Delivery Lead**, achieving 100% on-time completion with zero overflows
- Collaborated with web and platform teams for development of 3 key features amid resource shortages

Keywords: React Native, Firebase, Auth0, Mobile Architecture, Mobile Security, React Query, Jest, Next.js, AWS, GitHub actions, Fastlane, CodePush, Node.js, .NET Core, PostgreSQL, Docker, UI/UX, Typescript, C#

2022 March - 2022 October

[LUMENALTA](#) (FORMERLY CLEVERTECH)

New York, US (Remote)

Full Stack Engineer

- Took ownership of the Android variant of [Masterworks](#) mobile applications, fixing 20+ Android specific bugs and catching up with the iOS variant within 1 month
- Implemented CodePush to facilitate rapid OTA update deployment; achieved an impressive **reduction of at least 10 days in manual processes** related to application updates over just three months

- Optimised internal test cycle by integrating Firebase App Distribution, accelerating iteration/feedback
- Launched Masterworks v1.0.0 on [Android](#) and [iOS](#) platforms within the established timeline, achieving full deployment across devices with zero critical bugs reported during the first month of release

Keywords: React Native, Firebase, Jest, MS AppCentre CodePush, Node.js, UI/UX, Typescript, C#

2019 July - 2022 March

[ROCKETPHONE](#) (FORMERLY VOICEIQ)

Manchester, UK (Remote)

Software Architect - Frontend (2020)

- Reported directly to the CTO architecting a scalable, and maintainable frontend codebase while balancing legacy codebase migration, feature delivery and mentoring of 2 junior team members
- Collaborated with the CTO and the Platform Architect to solve complex system design problems
- Led the migration of core UI components into a shared package with Storybook integration, facilitating cross-project usage

Senior Software Engineer (2019)

- Identified and resolved **3 security vulnerabilities**, including a critical XSS vulnerability that could exploit user tokens
- Collaborated on the backend, developing REST API endpoints to ensure smooth frontend development

Keywords: React.js, Create React App, Redux, Redux-Logic, Storybook, Azure, Twilio, Salesforce, Node.js, Redis, Apache Kafka, UI/UX, Javascript, Typescript

2015 September - 2019 July

[CALCEY TECHNOLOGIES](#)

Colombo, LK

Associate Technical Lead (2019)

- Directed and consulted on over 5 concurrent software projects while contributing to one key initiative, providing full-stack guidance for an additional 15+ development efforts
- Orchestrated the integration of native modules of 2 native mobile SDKs; that led to improved code maintainability and accelerated feature delivery timelines on all relevant apps

Senior Software Engineer (2017)

- Stabilised 6 critical projects as **part of the "JS SWAT team" with a 100% success rate**
- Took the initiative to build an R&D product using React Native, which led to co-founding the company React Native division, **building the foundational architecture for 15+ React Native projects**

Software Engineer (2015)

- Developed 15+ applets for [iMSMART platform](#), of which leading the development of 5
- Executed an urgent deliverable for PayPal within three months, **cutting expected development duration by half**; contributed as part of an agile and innovative team under direct oversight from the CTO

Keywords: React.js, Ember.js, Sails.js, Node.js, Express.js, PostgreSQL, MongoDB, Webpack, Redux, Redux-Thunk, Redux-Saga, AWS, Nginx, Android, Ionic, Angular, UI/UX, Javascript, Typescript, C#, Java

2014 January - 2015 September

[CEYLON LINUX](#)

Colombo, LK

Android Application Developer

- Maintained Android applications and gained expertise in the company application domain
- Integrated Material Design principles, creating a demo app that **secured 10+ new projects**

Keywords: Android, Gradle, Material Design, Java, PHP, Laravel, Flight, MySQL

EDUCATION

2024

UNIVERSITY OF WESTMINSTER

Westminster, UK

Master of Science, Cyber Security and Forensics

- Reading. Expected to complete in 2026

2013-2015

BRITISH COMPUTER SOCIETY

Colombo, LK

Professional Graduate Diploma