

John Oshalusi

Senior Software Engineer

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PROFESSIONAL SUMMARY

Senior Software Engineer with 9+ years of experience building scalable, user-facing applications across fintech, creator, and productivity platforms. Deep expertise in React, TypeScript, Node.js and Python with a track record of owning complex projects from idea to production, improving legacy systems, and shipping reliable software with thoughtful user experiences. Comfortable working across the stack and collaborating closely with Product and Design in distributed teams.

SKILLS

Frontend: React, TypeScript, Next.js, React Native, Tailwind CSS, GraphQL

Backend: Python, Node.js, PostgreSQL, Redis, MongoDB, BullMQ

Infrastructure: AWS, Docker, CI/CD

Testing: Jest, Cypress, Vitest, React Testing Library

Tools: Cursor, Claude Code, GitHub Copilot

PROFESSIONAL EXPERIENCE

Senior Software Engineer – Input Output Group (IOG)

May 2022 – May 2026

Core contributor to Lace Wallet, a production application used by thousands of active users across web and browser extension platforms.

- Owned end-to-end delivery of critical user flows like onboarding, transactions, staking, and account management, across a production wallet used by thousands of active users.

- Built scalable frontend systems using React and TypeScript across web and browser extension platforms, integrating complex third-party SDKs and real-time backend services.
- Drove a frontend refactor of legacy systems that reduced technical debt and improved developer velocity across the team.
- Established broader unit and integration test coverage, raising release confidence and reducing regression risk across releases.
- Contributed to privacy-focused platform integrations that expanded secure user capabilities within the ecosystem.
- Shaped architecture decisions and feature planning through active participation in cross-team technical discussions in a distributed environment.

Software Engineer – SpiceFactory LLC

Aug 2021 – Mar 2022

- Contributed full-stack improvements to a large-scale production application, spanning frontend refactors and backend service reliability.
- Refactored complex legacy components into reusable, maintainable frontend modules, improving long-term codebase health.
- Diagnosed and resolved frontend performance bottlenecks — including slow-loading screens and inefficient client-side data fetching — improving load times for end users.
- Improved onboarding flows and reduced friction for new users through iterative UX improvements shipped in close collaboration with the product team.

Software Engineer – Ontrac Technologies Limited

Feb 2020 – Aug 2021

- Built and launched a hotel management platform from the ground up, serving multiple hotels across operations, check-in, and room access workflows.
- Developed a desktop application for guest check-in and secure room access, handling the full stack from frontend through backend APIs and deployment pipelines.

- Improved application performance and reduced database load through caching strategies and backend optimisations.
- Partnered directly with hotel stakeholders to translate operational requirements into production features, bridging the gap between business needs and technical execution.
- Investigated and resolved production issues to maintain platform stability and reliability across client sites.

Frontend Engineer – Multitent Software

Mar 2018 – Feb 2020

- Built and optimised frontend systems for a computer-based testing platform serving millions of students annually, with a strong focus on reliability during high-traffic exam periods.
- Collaborated with backend engineers to improve data loading performance and reduce client-side bottlenecks under large-scale usage spikes.
- Took features from design through implementation and production rollout, owning the full frontend delivery lifecycle.

PROJECTS

[Relaystack](#)

2026 – Present

- Building an AI-powered workflow platform that helps users automate operational and content workflows through modular agents and reusable task systems.
- Designing agent infrastructure for tasks including content operations, lead generation, and career workflows — focused on execution over simple prompting.

Lampstand

2024 – 2025

- Developed EPUB parsing and rendering systems supporting metadata, manifests, and styled content rendering
- Built features around reading progress tracking and personalised reading workflows
- Deployed to Apple App Store and Google Play Store

EDUCATION

MSc. Computer Science – University of East London, UK (2021 – 2023)

BSc. Computer Science – National Open University of Nigeria (2015 – 2019)

CERTIFICATION

Cisco Certified Network Associate (**CCNA**) - 2020