

PRECIOUS AWE

SOFTWARE ENGINEER

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PROFESSIONAL PROFILE

Software Engineer with 5+ years of experience taking web, mobile, and desktop products from requirements and UI design through architecture, implementation, testing, and production support. Builds with React, React Native, TypeScript, Electron, and Tauri. Experienced in multi-tenant EdTech, offline-aware mobile software, accessible analytics, and developer tools; combines hands-on delivery with system-design decisions, code review, and mentoring.

TECHNICAL EXPERTISE

Languages: TypeScript, JavaScript ES6+, Python, SQL, HTML5, CSS3

Frontend, Mobile and Desktop: React, React Native, Next.js, Expo, Expo Router, Electron, Tauri, Tailwind CSS, SCSS, Motion, GSAP, SPFx, SharePoint

Architecture and Data: TanStack Query, Zustand, Axios, REST APIs, component systems, multi-tenancy, offline-aware delivery, RBAC, MMKV, AsyncStorage, SecureStore

Backend and Platforms: Node.js, Express.js, NestJS, MySQL, PostgreSQL, Appwrite

Quality and Delivery: Playwright, Jest, unit tests, manual QA, test documentation, Git, GitHub, EAS Build, Azure DevOps, accessibility validation, performance, production support

Product and Design: Figma, Miro, requirements analysis, user flows, prototyping, interaction design, design systems, stakeholder collaboration

PROFESSIONAL EXPERIENCE

Design Engineer | Zenkleus

Apr 2026 - Present | Remote

- Own design systems, UI direction, frontend architecture, and substantial engineering across Skoolbod; lead discovery, implementation planning, reviews, and feature prioritization.
- Independently designed and developed Skoolbod, a 30+ screen React Native application using TypeScript, Expo, Expo Router, Axios, TanStack Query, Zustand, and reusable feature boundaries.
- Implemented offline-aware query persistence with MMKV, secure token storage and tenant-aware RBAC with Expo SecureStore, protected routing, connectivity-based refresh, and per-user cache isolation.
- Build Skoolbod Nexa, an LGA-wide multi-tenant school platform deployed in Agege for 100+ users, with role-based analytics, search, filtering, charts, tables, and responsive layouts; tested accessibility in Nexa and Mobile.
- Standardized a codebase with modular structure, reusable components, full form validation, shared notifications, consistent UI, and current README documentation. Validated with unit tests and manual QA; the team adopted the standards.
- Develop Playwright E2E tests for user journeys and failure states in Skoolbod 2.0, with repeatable local execution other engineers can use.
- Own Skoolbod ecosystem system design, including offline synchronization strategy, database/data models, and feature sequencing; research AI providers while the team experiments with models ahead of a prototype.
- Designed and developed the complete frontend of NOVU, a Tauri desktop CBT application currently in development.

Frontend Developer (Contract) | Cephei Labs

Jan 2026 - Apr 2026 | Remote

- Owned frontend architecture and UI implementation as the sole Frontend Engineer for a real-time Web3 gaming startup.
- Translated product designs into a production-ready platform spanning 20+ responsive screens, including games and real-time interactions.
- Established reusable React and TypeScript component and interaction patterns with Tailwind CSS and GSAP to support rapid product evolution.

UI/UX Designer and Frontend Developer | Lotus Beta Analytics

Mar 2025 - Dec 2025 | Lagos, Nigeria - Hybrid

- Joined early stakeholder discovery and engineering planning; delivered enterprise and consumer products using React, React Native, TypeScript, SPFx, and SharePoint.
- Improved Lulu, an existing React Native language-learning application, by introducing modular feature boundaries and TanStack Query for REST fetching, caching, request states, synchronization, and pagination.
- Designed a web-to-mobile payment and entitlement flow in which confirmed external purchases synchronized through backend-managed state to unlock paid content in the mobile application.
- Contributed Jest tests, manual QA, structured tester documentation, production debugging, defect resolution, and Azure DevOps issue tracking.
- Designed and supported implementation of a 45-screen banking compliance platform and built operational SharePoint applications for cross-department workflows.
- Modernized an LMS, built an e-learning frontend, improved customer-facing ISP products, and created reusable e-voting components while supporting legacy enterprise applications.

PROFESSIONAL EXPERIENCE CONTINUED

Frontend Developer (Contract) | InternPulse

Oct 2024 - Dec 2024 | Remote

- Translated UI/UX designs into pixel-accurate, responsive React applications with cross-browser compatibility.
- Integrated REST APIs with deliberate loading, error, and asynchronous states and contributed through code reviews, debugging, and architecture discussions.

Software Development Instructor (Part-time) | National Institute of Information Technology

Mar 2023 - Oct 2024 | Edo State, Nigeria - Hybrid

- Delivered project-based frontend engineering training covering HTML, CSS, JavaScript, responsive design, DOM manipulation, and practical problem-solving.
- Created structured learning roadmaps, reviewed student code, and provided individual and group debugging support to improve progression and project readiness.

Full Stack Developer | Freelance

Jan 2021 - Mar 2023 | Remote

- Owned requirements, system design, implementation, deployment, and ongoing support for custom web, e-commerce, and inventory applications.
- Built client-facing products with JavaScript, PHP, SQL, React, and Next.js while translating non-technical business processes into maintainable software.

SELECTED ENGINEERING WORK

AwenesOS | Electron, TypeScript, Playwright | Public Windows app | Website

- Owned product design, full-stack development, architecture, and website for a desktop tool that orchestrates agent tasks across projects, with review of plans, diffs, tests, and delivery decisions.
- Evolved a CLI into a GUI and removed CRM coupling to keep workflows flexible beyond personal use; used Playwright for application testing and monitored user reports and performance.
- Maintains workflow history locally, separates task work with Git worktrees, and requires human approval before pushing changes to Git.

Skoolbod Nexa | React, TypeScript, Multi-tenant EdTech | Live Agege deployment | Product

- Own design-system and frontend architecture across LGA, zonal, school, teacher, and parent workspaces, including records, reporting, and API-connected workflows.
- Implemented and tested keyboard access, screen-reader support, visible focus, contrast, and non-colour cues for data-rich analytics.

Lulu | React Native, TypeScript, TanStack Query | Google Play

- Modernized a brownfield mobile codebase with modular feature boundaries and TanStack Query-based REST fetching, caching, request states, synchronization, and pagination.
- Implemented backend-managed payment-entitlement synchronization for a public language-learning application supporting Yoruba, Igbo, Hausa, and Swahili.

Scribe | VS Code Extension, TypeScript, Git | Marketplace | Website

- Created a private, local-first developer activity journal that records edits, maintains local Git-backed snapshots, and supports diff and restore workflows without sending source history to an external service.
- Owned product design, extension architecture, implementation, user documentation, marketplace distribution, and the public product website.

EDUCATION AND LEADERSHIP

BSc Computer Science, First Class | Benson Idahosa University, Nigeria | 2020 - 2024

- Delivered a paper and built an MVP for a Universal File Search and Discovery Platform.
- Google Developer Student Club member; frontend development mentor; organizer of the first Techfest at Benson Idahosa University; Chess Club Captain.

CERTIFICATION AND LEADERSHIP

AWS Certified AI Practitioner | Amazon Web Services | Sep 2026 - Sep 2029

Software Engineering Mentor, Caya | Dec 2025 - Present: Mentor 40+ engineers; spoke on a Caya X Space.