

Joshua Obateru

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Location: Edinburgh, United Kingdom

Profile

Computer Science graduate with 5+ years of experience building high-performance frontend and mobile applications using TypeScript, JavaScript, React, Next.js, and Flutter. Proven expertise in state management (Redux, Riverpod), UI/UX design implementation from Figma, and DevOps automation including CI/CD pipelines with GitHub Actions and Fastlane for multi-platform deployment. Demonstrated ability to solo-build complete dashboards, optimize application performance to achieve 97-100% scores, and bridge the gap between design and engineering. Seeking a senior frontend or full-stack developer role.

Work Experience

Frontend Developer - Predictiva, Edinburgh | June 2024 - Present

- Developed two high-performance landing pages using Next.js, achieving 97% and 100% performance scores respectively, with a focus on accessibility, SEO optimization, and multilingual support.
- Built comprehensive cryptocurrency trading dashboards (Cryptiva) and investment portfolio platforms (Investiva) using Next.js and Flutter, with complete solo ownership of frontend architecture and development across three distinct product dashboards (Neuro, Guardium, Datum).
- Designed and implemented a comprehensive admin dashboard from scratch, replacing manual processes with automated systems including user management with role-based access control (Admin, Manager, User, Viewer), trading monitors with real-time filtering and search, and two-factor authentication (2FA) security implementation.
- Collaborated closely with backend engineer on complex V1 to V2 API migration project, implementing frontend integration across web and mobile platforms for 12+ consolidated endpoints spanning user management, exchange connectivity (API key management, CRUD operations), payment systems (subscription management, checkout flows), and unified order management across all products, while maintaining zero revenue downtime.
- Engineered comprehensive DevOps automation workflows using GitHub Actions and Fastlane for multi-platform deployment: automated web deployment to Azure Static Web Apps, iOS deployment to App Store Connect, and Android deployment to Google Play Store, significantly reducing deployment time and eliminating manual errors.
- Implemented real-time features including WebSocket integration for live trade status updates, candlestick charts with zoom functionality for enhanced data visualization, and notification systems for immediate user feedback.

- Collaborated with team members including backend and DevOps engineers to resolve customer queries and implement bug fixes, ensuring high-quality product delivery and maintaining application stability.

Software Developer - Lybertine, London (Remote) | September 2023 - June 2024

- Initially joined as an intern for 3 months based on a master's project from University of Salford, then continued voluntarily demonstrating strong commitment and value delivery.
- Spearheaded development and deployment of an intelligent chatbot on the company website, enhancing customer support and streamlining visitor interactions through efficient query handling and personalized assistance.
- Improved user experience by designing flowcharts in Miro to refine the event organizer onboarding flow with streamlined processes and clear instructions, aligning with contemporary UX best practices.

Software Programmer - Nasco Nassat | May 2021 - December 2022

- Built responsive e-commerce web application in Next.js that successfully transferred company operations from manual to online sales, creating reusable React components in TypeScript and integrating RESTful APIs.
- Optimized application quality by managing bug fixes through GitHub issue tracking, assigning tasks to developers, and overseeing code reviews before merging to production.
- Facilitated educational growth for over 50 children by delivering comprehensive web development instruction (HTML, CSS, JavaScript, graphic design) to students aged 6-16 over a 4-week period.
- Developed engaging online quiz WordPress application within 14 days to support children's educational growth and assessment.

Software Developer - iXnotes Services Ltd. | December 2020 - December 2022

- Designed pixel-perfect UI/UX flows in Figma and implemented them to build an e-commerce and delivery mobile application featuring an integrated e-wallet, collaborating with cross-functional development teams.
- Collaborated with backend developers using GitHub, GitLab, Postman, and Jira to integrate RESTful APIs and implement bug fixes and code enhancements.

Mobile Developer - Skillseeds Limited | April 2020 - May 2021

- Supported complete application lifecycle of two successful fintech mobile applications over 8 months, learning industry best practices while carefully following UI designs to optimize user experience.

Notable Personal Projects

RitmoLogs (WorkPulse) - Full-Stack Gamified Productivity Tracker | 2024

- Built complete full-stack SaaS application from scratch using NestJS, Next.js 14, PostgreSQL, and Prisma ORM, demonstrating end-to-end development capabilities from database design to frontend deployment.
- Architected RESTful API with comprehensive authentication (Google OAuth 2.0), session management using HttpOnly cookies, role-based access control (RBAC), and modular service-oriented architecture following SOLID principles.

- Designed normalized PostgreSQL schema with four core models (User, Log, Badge, UserBadge) implementing complex relationships, proper indexing, and managed schema evolution through Prisma migrations.
- Integrated Google Gemini AI API for automated report generation, transforming daily logs into professional summaries with cost-effective prompt engineering (\$0.075 per 1M tokens vs GPT-4 at \$10).
- Implemented gamification engine with XP progression system, automated badge awarding with real-time achievement detection, and streak tracking with grace period logic that explicitly rewards rest days and acknowledges burnout.
- Built comprehensive CI/CD pipeline on Railway with automated deployments, database backups, and monitoring, architecting for cost-effectiveness at \$5-20/month operational costs.
- Created ultra-minimal, geometric UI using shadcn/ui, Tailwind CSS, and Redux Toolkit Query (RTK Query) with automatic caching, request deduplication, and optimistic updates for optimal performance.

Education

University of Salford - MSc. Managing Innovation and Information Technology | January 2023 - January 2024

Grade: **Distinction** | Coursework: Project Management, Information Systems and Digital Transformation,

Innovative Problem Solving, Digital Marketing Analytics and Strategy

University of Jos - BSc. Computer Science | September 2015 - December 2019

Grade: **2:1**

Key Skills

Problem Solving & Innovation: Conducted comprehensive case study using Peter Checkland's Soft

Systems Methodology (SSM) for the Droflas community, developing and deploying a complete Next.js

website within 2 days to showcase project findings and solutions.

Adaptability & Collaboration: Successfully transitioned from React Native to Flutter within company

requirements, collaborating with senior developers to learn, build, and deploy two production applications

demonstrating rapid skill acquisition and teamwork.

Technical Skills

Frontend: TypeScript, JavaScript, React, Next.js (App Router, Server Components), Vue.js, HTML5,

CSS3, SASS, Tailwind CSS, Bootstrap, Material UI, Chakra UI, Storybook

Mobile: Flutter, React Native, Dart, Swift (basic), Android/iOS development, Riverpod, Bloc, GetX, Provider

State Management: Redux, Redux Toolkit, RTK Query, Context API, Riverpod, Bloc
Backend: NestJS, Node.js, RESTful API Design, PostgreSQL, Prisma ORM, OAuth 2.0, Session

Management, WebSocket, API Versioning

Testing: Jest, React Testing Library, Widget Testing, Integration Testing

DevOps & Tools: GitHub Actions, Fastlane, Azure Static Web Apps, Railway, App Store Connect, Google

Play Console, CI/CD pipelines, Docker (basic), Database Migrations

AI Integration: Google Gemini API, Prompt Engineering, VADER Sentiment Analysis, Cost-Effective AI

Implementation

Design & Prototyping: Figma, Adobe XD, Responsive Design, UI/UX principles, Miro

Database: PostgreSQL, Prisma ORM, Schema Design, Complex Queries, Indexing, Migrations

Version Control & Collaboration: Git, GitHub, GitLab, Bitbucket, Jira, Trello, ClickUp, Postman,

Swagger/OpenAPI

Other: WordPress, Python (basic), PHP (basic), Firebase, Markdown, API Documentation