

# Stephen O'Connor

## Senior Software Architect & React Native Specialist | 12+ Years Experience

Expert Frontend Engineer specialising in the React ecosystem, currently Lead Architect at theWhiteFoxDev. Proven track record of delivering high-performance, cross-platform mobile applications using React Native and Expo, with successful deployments to the Apple App Store and Google Play. Extensive background in enterprise-scale React/TypeScript architecture, transforming complex data into seamless, AA-accessible user experiences. Deeply committed to the "React Universe" philosophy, leveraging AI-augmented workflows and Open Source standards to set, rather than follow, development best practices.

## EXPERIENCE

**theWhiteFoxDev** – Founder & Lead Software Architect | Jan 2026 – Present

Founded a specialized development agency focusing on cross-platform mobile solutions (React Native) and high-performance web architecture.

- **Architected and Published:** Developed a comprehensive educational mobile suite using React Native, Expo, and TypeScript, successfully navigating the end-to-end deployment pipeline for both the Apple App and Google Play Stores.
- **Technical Stack:** React Native, Expo, TypeScript, Asynchronous API Integration (REST), and Mobile State Management.
- **Consulting:** Providing technical roadmaps and UI/UX audits for SMEs looking to transition from web to mobile.

**Foróige** – Coding and Digital Art Teacher - Volunteer | Mar 2025 - Dec 2025

- Designed and delivered STEAM coursework (HTML/CSS/JS, 3D Design) for learners aged 10–15.
- Mentored students in design thinking and digital literacy; secured funding for project materials.

**Amdocs** – Front-End Developer | Nov 2022 - Oct 2024

- Developed and maintained scalable UI architecture according to technical design specifications for enterprise-scale software.
- Collaborated on peer code reviews and cross-functional solution design to ensure maintainable and supportable codebases.
- Focused on modular development and seamless integration with complex backend REST APIs.
- Collaborated with a great team to add value through participation in peer code reviews, providing comments and suggestions, and working with cross-functional teams to achieve goals.
- Actively look for innovation, continuous improvement, and efficiency in all assigned tasks.

**Tech Stack:** React, TS, HTML5, styled components, Recharts, NPM, Jest, Agile.

## Contact

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- 📍 Dublin, Ireland

## SKILLS

**Core:** React, React Native (Expo), TypeScript, JavaScript (ES6+), Next.js, Node.js

**State & Data:** Redux, Zustand, Axios, D3.js, Recharts, REST APIs, JSON/GeoJSON

**Tools:** Git, Bun, Vite, Vercel, AWS, Jenkins, Agile, Figma, Swagger/OpenAPI

**Backend:** PHP (Laravel), C#/.NET, SQL Server Spatial, MySQL

## EDUCATION

- ➔ **HDip in Computer Science** | Griffith College, 2014
- ➔ **Bachelor's in Computer Science** | Dublin DIT, 2012
- ➔ **HDip in 3d Animation**
- ➔ **FETAC Level 6 - Train the Trainer**

## **New Horizon** — *Principal Software Architect* | MAY 2022 - NOV 2022

- Directed company software architecture and high-level technical decision-making to align with business strategy.
- Led and mentored engineering teams, working with the CPO to scale development capacity.
- Created and maintained design and coding standards and selected engineering toolsets.

**Tech Stack:** React, WP scripts, PHP, AWS, MySQL, HTML5, SASS, Git, GTM, Agile.

## **Independent Consultancy & Permanent Tenures** | MAR 2013 - MAY 2022

*Throughout my career, I have maintained an active consultancy practice, delivering high-impact solutions for previous employers and private clients alongside permanent roles:*

## **GDC** — *Full-stack Developer* | OCT 2018 - JULY 2021

*Gambling.com Group Plc is a multi-award-winning provider of digital marketing services for the global online gambling industry. My responsibilities included:*

- ❖ Developed 7+ Laravel/Vue sites; led Drupal-to-Laravel migration; increased conversion by 25% via UX/SEO enhancements.
- ❖ Built and consumed REST APIs for various applications.
- ❖ Performed daily code maintenance, debugging, and problem-solving to ensure smooth operation.
- ❖ Provided guidance and advice on best practices and future technologies to the team.

**Tech Stack:** Vue, VanillaJS, WP, REST API, Laravel, PHP 8, HTML5, SASS, Jenkins, Git, MySQL, SEO, Agile methodologies

## **Netcelero** — *Full-stack Web UI Dev* | JUNE 2016 - FEB 2018

- Designed/deployed Netcelero.com
- Designed and built UI for internal and customer-facing systems APIs
- Developed UI for Real-time data analytics using D3.js, managing complex data structures and visual rendering—foundation for geospatial data visualization (Leaflet/OpenLayers).
- Provide guidance and advice on best practices and future technologies.
- Contribute to the architecture, design, and technical direction of various projects.

**Tech Stack:** Vanilla.js, WP, REST API, Linux, PHP, HTML5, CSS3, D3.js.

**CDET B** | 2015: Tutored C# & SQL for City & Guilds Diploma level; designed and delivered course content.

**Microsoft** | 2013: Developed in-house .NET applications for the Xbox team in Dublin.

**Freelance:** Implemented full e-commerce redesigns and domain administration for ZenCart, WordPress, and Drupal platforms.