

Alejandro Quesada Suárez

Senior React & Full Stack Engineer | Web Optimization & Scalable UI Architect

 alejandroqs04@gmail.com |  linkedin.com/in/alejandroqs-io |  Las Palmas, España

PROFESSIONAL SUMMARY

Senior Frontend & Web Engineer with 5+ years of experience building high-performance web applications and scalable solutions. Specialized in the **React.js ecosystem (Hooks, Context API)** and **TypeScript**, with a proven track record of transforming complex requirements into impactful products. Demonstrated success in engineering digital solutions that have reached over **100,000 users**. Expert in integrating **Full Stack architectures (Node.js)** and **Web3**, combining technical excellence with a product-first mindset to maximize business ROI from day one.

CORE COMPETENCIES & TECH STACK

- **Frontend Core:** React.js, TypeScript, JavaScript (ES6+), HTML5, CSS3/SASS.
- **State & Architecture:** Redux, Context API, Clean Architecture, SOLID Principles, MVVM.
- **Web & Performance:** Responsive Design, Server-Side Rendering (SSR concepts), Web Performance Optimization (Core Web Vitals).
- **Testing & QA:** Jest, React Testing Library, Unit Testing, TDD.
- **Backend & Integration:** Node.js , RESTful APIs, GraphQL, Web3.js / Ethers.js (DApps integration).
- **DevOps & Tools:** Git/GitHub Flow , Docker , CI/CD Pipelines, AWS (EC2/Lambda/S3) , Firebase, Agile/Scrum.

PROFESSIONAL EXPERIENCE

Lead Frontend & Full Stack Engineer | Duonion 2019 – 2025

Technical leadership and end-to-end development of digital solutions, acting as the principal architect for web and mobile platforms.

- **Scalable Web Architecture:** Designed and developed multiple Single Page Applications (SPAs) using **React and TypeScript**, improving code maintainability by implementing reusable components and strict static typing.
- **High-Impact Product Engineering:** Led the engineering of digital products that scaled to over **100,000 users** (flagship success: Oraculum), optimizing client-side performance and seamless backend integration.

- **Web3 DApp Integration:** Developed complex user interfaces for decentralized ecosystems, integrating Web3 authentication and Smart Contracts with **React**, ensuring a secure and fluid User Experience (UX).
- **Performance Optimization:** Implemented asynchronous loading strategies and efficient state management, significantly reducing initial load times and boosting user retention.

Full Stack Web Developer | Freelance Consultant 2019 – 2022

Consultancy and development of bespoke web platforms, e-commerce solutions, and management systems for international clients.

- **E-Commerce Development:** Built and customized robust e-commerce platforms (Shopify, Magento) integrating headless solutions with **React/Node.js**, resulting in improved client conversion rates.
- **Responsive UI/UX:** Delivered "Pixel Perfect" and fully responsive interface designs, ensuring cross-browser compatibility and web accessibility.
- **API Development:** Created and consumed secure RESTful APIs using Node.js and PHP , managing SQL databases for high-availability applications.

R&D Engineer (Data & Web Visualization) | Innovation Centre for the Information Society (CICEI) 2018 – 2019

Applied research in data visualization and real-time sentiment analysis.

- Developed interactive dashboards for visualizing large datasets (Big Data) processed with Spark and Scala, facilitating data-driven decision-making processes.
- Applied machine learning techniques to predict trends from social media data.

EDUCATION

Computer Engineering Degree | Universidad de las Palmas de Gran Canaria (ULPGC) — 2018

- *Specialization:* Algorithm Design, Software Optimization, and Neural Networks.

CERTIFICATIONS & ACHIEVEMENTS

- **Top Contributor:** Achieved 400+ reputation on Stack Overflow for technical problem-solving contributions.
- **Engineering Excellence:** Winner of the regional phase of the EBEC Engineering Competition (two consecutive years).

LANGUAGES

- **Spanish:** Native
- **English:** Proficient (B2/IELTS 6.5) - *Capable of working in international agile teams.*