Daniel Alejandro Rubio Linares

Frontend Engineer · React · TypeScript · Next.js

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PROFESSIONAL SUMMARY

Frontend engineer with 6+ years building web applications with React, TypeScript and Next.js. I have delivered production interfaces for mission-critical systems in banking, transport and logistics, working closely with backend and product teams. My focus is on scalable component architecture, performance, accessibility and maintainable code, backed by testing and CI/CD. I am looking to contribute that experience to teams building ambitious, high-impact products.

TECHNICAL SKILLS

Frontend: React.js, Next.js, TypeScript, JavaScript, React Native, Micro-Frontends, PWA, HTML, CSS
UI & Styling: Tailwind CSS, Material UI, Chakra UI, daisyUI
State & Data Fetching: Redux, Zustand, TanStack Query
Forms & Access Control: React Hook Form, Formik, CASL
Backend & APIs: Node.js, REST APIs, OAuth 2.0, .NET, Go
Databases: PostgreSQL, MySQL, MongoDB, Redis
Quality & DevOps: Jest, Git, GitHub, GitLab, CI/CD, Vercel, Agile
Other: Backstage, Design Patterns, Zoho Inventory API

PROFESSIONAL EXPERIENCE

Software Engineer | CaixaBank Tech
Nov 2024 – Present

Madrid · Spain · hybrid · Sector: Banking

- Build and maintain internal banking applications on a React micro-frontend architecture, integrating REST APIs and working day to day with backend and infrastructure teams to keep delivery smooth and secure.
- Designed and shipped custom frontend plugins for the corporate Backstage developer portal, improving discovery and adoption of internal services.
- Own code quality across the delivery cycle: design patterns, Jest test suites and CI/CD pipelines in an agile team.

Tech: React, TypeScript, Micro-Frontends, Jest, Backstage, CI/CD

Software Engineer | Freelance
Aug 2025 – Present

Madrid · Spain · Sector: Logistics & Supply Chain

- Designed and built a PWA on top of Zoho Inventory that gives warehouse operators an optimized UI for inventory transfers, shipment prep and goods receiving with barcode-scan verification.
- Implemented Redis-backed collaborative multi-shift sessions, granular per-warehouse access control with CASL and OAuth 2.0 auth against Zoho.
- Added serial-number scanning and tracking, enabling unit-level traceability across receiving, transfers and picking.

Tech: Next.js, Redis, Zoho Inventory API, PWA, OAuth 2.0, CASL

IT Consultant | Go Concept (client: SICE)
Oct 2022 – Nov 2024

Madrid · Spain · hybrid · Sector: Transport

- Full-stack development of traffic-control software for interurban highways and tunnels, built to improve traffic management, efficiency and road safety under strict reliability and availability requirements.
- Real-time supervision systems now in production in the Calle 30 (M-30 Madrid) tunnels — the largest urban tunnel network in Europe — handling 1M+ daily trips.
- Polyglot stack: React, Redux and TypeScript on the front; Node.js, .NET and Go services over PostgreSQL, MySQL and Redis.

Tech: TypeScript, React, Redux, Node.js, .NET, Go, PostgreSQL, MySQL, Redis

Web Developer | Freelance
Dec 2019 – May 2021

Cuba · remote · Sector: Multi-sector

- Delivered custom web platforms for clients in management, logistics, fitness and hospitality, from scoping to launch, fully remote.
- Developed and tested React.js components and contributed to server-side development and database management.

Tech: React, TypeScript, JavaScript, REST APIs, SQL

Junior JavaScript Developer | Copextel S.A. Sep 2019 – Nov 2020

Havana, Cuba · Sector: Corporate

- Built user interfaces for the company's internal services with JavaScript, HTML5, CSS3 and Bootstrap.
- First professional role: learned to ship inside a corporate engineering team, from code review to release.

Tech: JavaScript, HTML5, CSS3, Bootstrap

SELECTED PROJECTS

Billroot | Invoicing & Accounting SaaS (2026) billroot.app

A purchase-invoice & accounting product. Recurring invoices, payment scheduling, multi-currency with automatic FX, Spanish chart-of-accounts classification and an inline PDF viewer.

Tech: Next.js, TypeScript, Node.js, PostgreSQL, Vercel

EDUCATION

Computer Science Engineering

Universidad de las Ciencias Informáticas (UCI) · Cuba

LANGUAGES

Spanish: Native · English: B2 (CEFR)