Carlos del Río Francés | carles@rio-frances.com | www.rio-frances.com

Software-Ingenieur | Web / Mobile | SEO / AIO technical implementation | 6+ Years experience

SKILLS

Frontend: TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS, StyleSheet, styled components, React Native, Expo, EAS, React, Next.js, Jest, React Testing Library, Maestro

Backend: Supabase, Express, MySQL, MongoDB, Node.js

Tools and Workflows: Git, Jira and Confluence (Atlassian), CI/CD, Docker, Figma, Photoshop, InDesign

Languages: Spanish and Catalan (native), German (C2), English (C1), French (B1), Italian (B2)

Generic: Excellent language and communication skills, experience in dealing with customers from diverse backgrounds and cultures, problem-solving abilities, creativity, ability to work both independently and as part of a team

EDUCATION and CERTIFICATES

BCS – Bootcamp (500 hours)   **January 2018 – March 2018**
Full-Stack JavaScript Developer ○ Bootcamp ○ Certificate

freecodecamp (~300 hours)   **October 2017 – December 2017**
Front-End Development ○ Course

Campus-MVP – Course (120 hours)   **J anuary 2023 – September 2023**
Advanced JavaScript and ECMAScript programming ○ Certificate and contents

Deeplearning.AI (2 hours)   **November 2023**
Chat GPT ○ Course ○ Prompt engineering for devs

Frontend Masters (~120 hours)   **October 2024 – February 2025**
Learning path to Senior Web developer ○ Course ○ Certificates and public profile

notJustDev – Tutorial (8 hours)   **January 2025**
Full-Stack React Native with Expo ○ Course

codeWithBeto – Ongoing (12 hours)   **April 2025**
Full-Stack React Native with Expo ○ Course

———————————————— NON PROGRAMMING RELATED ————————————————

Escola de Turisme Terres de Lleida (Spain)   **December 1995 – December 1999**
Tourism Studies ○ Bachelor Degree

Management Institut Herrenhausen: IHK of Hannover   **October 2010 – December 2010**
Event Manager ○ Certificate

School of Audio Engineering (SAE Frankfurt)   **March 2011 – April 2012**
Audio-Engineering ○ Diploma

PROJECTS – portfolio

Mosaic.photography: Website (PWA) ○ GitHub
· Technologies: Next.js 15+, TypeScript, CSS3, Supabase, AWS S3 with CloudFront CDN and Vercel

Remoryo App (Android and iOS): Private repository
· Technologies: React Native, Expo, JavaScript, Stylesheet

TheCirculArt-statistics: Website ○ GitHub – Access with: demo@thecirculart.com / demo
· Technologies: Next.js 14+, TypeScript, TailwindCSS, Supabase

Sweet-text.ai: Website ○ GitHub
· Technologies: Next.js 14, TypeScript, TailwindCSS, OpenAI-API

Leo-leo-hessen.de: Website (PWA) ○ GitHub
· Technologies: ReactJS, JavaScript, Express, and MongoDB

myPension.de and App (Android and iOS): Private repositories
· Technologies: React Native & Expo, JavaScript, SASS, express, mySQL. ReactJS, and Redux

EXPERIENCE, TECHNICAL ROLES, AND ACHIEVEMENTS

Senior Full-Stack (Website and PWA): MOSAIC.PHOTOGRAPHY, personal project   February 2025 – March 2025

- Design and development of a full-stack web and PWA application (Next.js 15+, TypeScript, CSS3, Supabase, AWS S3 with CloudFront CDN and Vercel for deployment).
- Mosaic is a curated gallery showcasing the public domain works of iconic nude photographers, designed with a focus on **web performance and SEO optimization** (optimized for Google Core Web Vitals and search engine rankings) to ensure fast load times and high search engine visibility.

Senior Frontend (Mobile App): Client REMORYO, for 3paceAI   April 2024 – October 2024

- Frontend development of an iOS & Android app (React Native, Expo, JavaScript, Zustand, Stylesheet, mySQL, Docker, Jira).
- Collaborated with 3paceDev design and backend teams for a social-impact German start-up, launching a mobile app to connect elderly residents in retirement homes with their families. Utilized Puppeteer for frontend view rendering and again in the backend to generate the final printable PDF files with images.

Mid-Senior Full-Stack (Website): THECIRCULART-STATISTICS, for TheCirculArt   October 2023 – March 2024

- Full-stack development of a web application (Next.js 14+, TypeScript, TailwindCSS, Supabase)
- Designed an interactive dashboard for recycling statistics as part of a social-impact project for a Spanish company managing recycling processes through a circular-economy model for its financial entity clients.

Mid-Senior Full-Stack (Website): SWEET-TEXT.AI, personal project   December 2023 – February 2024

- Full-stack development of a web application (Next.js 14+, TypeScript, TailwindCSS, OpenAI API – model: 'gpt-3.5-turbo')
- Launched "Sweet Text AI", a text enhancer tool enabling users to generate, correct, shorten, expand, and perform advanced text operations with AI-powered precision.

Mid Frontend (Web and Mobile App): Client JOHNER INSTITUT, for 3paceAI   October 2022 – October 2023

- Development of a web solution for the healthcare sector (NextJS 14+, TypeScript, TailwindCSS, Supabase, deployed on render.com) allowing clients to request and submit their data for approval by official institutions (ISO, etc.) to regulate healthcare equipment.
- Solo development of a quit-smoking mobile app (React Native, Expo, Zustand, JavaScript, StyleSheet, and MongoDB), discontinued due to external reasons.

Junior to Mid Full-Stack (Web and Mobile App): For myPension   August 2019 – October 2022

- Co-maintenance and full-refactor of the app, including a complete redesign of the UI (React Native & Expo, JavaScript, SASS, express, mySQL)
- Development, maintenance and improvement of the official website, fintech tools, software and customer portals (ReactJS, Redux, JavaScript, SASS, express, mySQL)

Junior Full-Stack (Website and PWA): LEO-LEO for Hessenwaldschule and Ministry of culture of Hesse   Since 2018

- Full-stack development of 'Leo, Leo... ¿Qué lees?', a website and PWA for a Spanish reading contest organized by a German school. Built an admin panel with secure authentication to manage registrations (ReactJS, JavaScript, Express, MongoDB).

Webmaster and Graphic Designer: For Instituto Cervantes   Since 2008

- Management and maintenance of the official websites (CMS), newsletters, along with graphic design tasks, for the centers in Frankfurt, Berlin, Bremen, Munich, and Naples. The Instituto Cervantes is the official cultural institution of Spain dedicated to promoting the Spanish language and culture worldwide.

CONTACT