

Bernardo Paulino

Software Developer · TypeScript, React & React Native

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PROFILE

Software developer with 2 years of production experience at NTT DATA, writing TypeScript and JavaScript for web and mobile apps used by clients such as EDP across Portugal, Spain and Brazil. Outside work, I build complete products end to end: a live Next.js dashboard and a React Native iOS app with an offline-first backend. Focused on building web and mobile products with TypeScript, React and React Native.

SKILLS

Languages	TypeScript, JavaScript, HTML, CSS
Front-end & mobile	React, Next.js, React Native, Expo, Tailwind CSS
Back-end & data	Cloudflare Workers, Hono, Redis, SQLite, REST/OData APIs
Platforms	Microsoft Dynamics 365, Power Platform (PL-900 certified), Vercel
Spoken languages	Portuguese (native), English (C1), Spanish (A1)

EXPERIENCE

Assistant Engineer / IT Consultant at NTT DATA — Oct 2024 – Present

Portugal

EDP FUNCIONA — field service mobile app (Dynamics 365)

- Writing TypeScript business logic for work order forms in a mobile app used by field technicians: conditional UI based on incoming data, scheduling rules driven by equipment expiry dates, and new data models for delay reporting.
- Building an automated SMS/email notification flow through an external messaging integration.

EDP Spain — construction and maintenance operations (Dynamics 365)

- Built the client-side JavaScript for the full work order lifecycle: form validation, status transitions, GPS capture on mobile, filtered lookups via the Web API and digital signature workflows.
- Managed interface translations in English, Spanish and Portuguese, working daily with a Spanish-speaking team.

E-REDES Open Data portal — public data dashboards (Opendatasoft)

- Built interactive dashboards and maps for Portugal, Spain and Brazil with HTML, CSS and AngularJS: choropleth maps with cascading filters, KPI cards, rankings and trend charts, in bilingual PT/EN versions.
- Mentored and onboarded a colleague who took over the Portugal portal.

Summer Internship at Xallantis, Lda. — 2023

Lisbon, Portugal

PERSONAL PROJECTS

Portugal Agora — live emergency and weather dashboard — portugalagora.pt

- Brings official weather warnings, earthquakes, wildfires, fire risk and air quality for every district into one bilingual site, with interactive maps and offline support.
- Each data source is validated and cached on the server; if one fails, the last good data is shown. Checked for WCAG 2.2 AA accessibility.

TypeScript · React · Next.js · Tailwind CSS · MapLibre · Redis

Rejection Quest — iOS app with daily challenges — rejectionquest.app · in development

- One small real-world challenge a day: users predict their discomfort, log what happened, and a chart shows how the predicted fear compares with the real one.
- Works offline with local-first sync (SQLite on the phone, an outbox and a Cloudflare Workers API with EU data), sign-in by email, Apple or Google, and 350+ automated tests.

TypeScript · React Native · Expo · Cloudflare Workers · Hono · SQLite

EDUCATION

Bachelor's in Computer Science and Business Management at ISCTE-IUL — 2020 – 2024

Erasmus+ exchange in Szczecin, Poland (2023)

Technology Students Association (NET) — ISCTE-IUL — 2021 – 2024

Vice-President (2023–2024) · Events Team Member (2021–2023)