

[Download as PDF](#)

[English](#) | [Español](#)

## Personal Statement

As a versatile and adaptable Fullstack Engineer, I thrive on continuous learning and solving complex challenges. I am a strong advocate for open-source principles and believe in building robust, user-centric products. I never settle for the status quo—if I see an opportunity for improvement, I take it. I'm passionate about mentoring, sharing knowledge, and building products that I would enjoy using myself. I'm currently looking for new challenges where I can continue growing while contributing to meaningful, user-focused projects.

## Contact

- LinkedIn: <https://www.linkedin.com/in/danielorodriguez/>
- GitHub: <https://github.com/danielo515>
- Portfolio: <https://danielorodriguez.com>

## Employment

### Aug 2025 - Present – Fullstack Engineer at Betalyra

*Effect-ts, React, Next.js, AI SDKs*

- Building **AI-powered automation solutions** at [Betalyra](#), an AI innovation lab helping companies automate repetitive tasks like **data entry, email processing, and report generation**.
- Developing **agentic workflows** and **document extraction systems** that transform unstructured data from invoices, contracts, and forms into actionable insights.
- Leveraging deep expertise in **Effect-TS** to build **robust, type-safe, and composable** backend services that power AI integrations.
- Developing **modern React applications** with **Next.js**, integrating multiple **AI SDKs** to deliver intelligent user experiences.

## Feb 2025 - Apr 2025 – Fullstack Engineer at Rhino.fi

*MongoDB, FP-TS, Effect-ts, Nix, React, NextJs*

- Contributed significantly to the **Bridge and Infrastructure team** at **Rhino.fi**, a leading **Web3 crypto bridge**, focusing on core bridge functionalities.
- Leveraged deep expertise in **Effect-TS** to achieve **rapid productivity, championing the adoption of best practices and patterns** while actively identifying areas for improvement. I also **mentored** team members, accelerating their proficiency with the framework.
- Developed and implemented a robust **IP blacklisting/whitelisting mechanism**, significantly **enhancing security and access control** for critical bridge operations.
- Deepened my expertise in **Nix** for infrastructure management within an **event-based architecture** deployed on **Google Cloud Platform (GCP)**.

## Nov 2023 - Nov 2024 – Lead Dev Engineer at Dharma

*Typescript, Svelte, FP-TS, DynamoDB*

- **Spearheaded** the conceptualization, development, and successful launch of a mission-critical **in-house booking engine and inventory system**. This eliminated a **1.7% per-sale provider fee**, leading to **significant anticipated revenue savings** as transaction volumes increased.
- **Championed the build-from-scratch approach**, successfully convincing management to **abandon extending the overly complex and brittle legacy system** in favor of a new, robust solution.
- **Architected and implemented a seamless parallel operation** for both the legacy and new systems, ensuring **zero downtime** and shared endpoint compatibility during the transition.
- **Mentored and guided** a junior developer, fostering their growth and ensuring project milestones were met effectively under tight deadlines.
- **Ensured end-to-end type safety** and data integrity through **strict data validation**, enhancing system reliability and maintainability.
- **Learned Svelte from scratch to develop an end-to-end repository for hotels and activity providers**, encompassing data ingestion, database processing, and intuitive UI presentation.
- **Mastered the proprietary in-house UI system**, enabling seamless integration and development of new features.

## Sep 2022 - Nov 2023 - Freelancer at Tella

*React, ReasonML, Rust, AWS, NextJs*

- Quickly gained **proficiency in ReasonML** while developing core frontend functionalities with **React**.
- Rapidly acquired **Rust** expertise over a weekend to **develop the backend service** responsible for secure user project and video downloads from **AWS S3**, leveraging **Serde**.
- **Took end-to-end ownership** of the platform's subtitle system, transforming it from a static display to a fully editable and customizable feature.
- **Engineered the subtitle editor** for accurate display, timing, styles, and animations, ensuring visual consistency with backend video rendering.

## February 2020 – September 2022 Pento

*Typescript, React, Go, Storybook, Google Cloud Platform (GCP)*

- Transitioned to a dedicated **Frontend Engineer** role to address organizational gap, leveraging strong **React** and **Typescript** expertise.
- **Led the complete UI overhaul** of the platform in collaboration with a designer, significantly enhancing user experience and visual appeal.
- **Developed a comprehensive, high-fidelity component library** in **Storybook**, establishing design system foundations for future scalability.
- **Executed a phased migration** of the existing UI to the new design, utilizing feature flags for controlled rollouts to specific clients and sections.

## January 2019 - January 2020 – Aula

*Javascript, React, Redux, AWS*

- Collaborated as a **Full-stack Engineer** within a 3-person team to **develop a robust homework submission system** for students and teachers.
- Engineered features supporting diverse submission types, including **PDFs, images, and external document links (e.g., Google Docs)**.
- Proactively **proposed an architectural pattern** to enhance **Redux maintainability**, demonstrating a commitment to code quality and scalable design principles.
- Ensured the platform's **technical correctness and reliability (99.9%)** and its adherence to a "humans first" user-centric design.
- Leveraged **AWS services**, specially **Lambdas**, for scalable and efficient backend operations.

## June 2016 – Jan 2019 – Medux

*NodeJS, MongoDB, Docker*

- **Architected** a robust configuration management system for probes, ensuring **backward compatibility** for legacy components while presenting a **unified interface** through an **adapter architecture**.
- **Mentored** all new team members, accelerating their onboarding and contributing to team productivity.
- **Enhanced code traceability, improved code quality, and optimized logging mechanisms**, leading to more efficient debugging and system maintenance.

## April 2016 – June 2016 Level 3 software support – Gemalto

- Provided Level 3 software support and minor enhancements in C# and Java EE.

## 2014 June – April 2016 - Support Specialist L.2 – Netsize (a Gemalto company)

- Provided L.2 support for messaging flows and infrastructure on Red-Hat, improving incident resolution through custom bash scripts.
- Led project for documenting, auditing, and improving platform-wide automation scripts.

## 2013 March – 2014 June System Administrator Specialist – Roche

- Managed Windows and Linux server infrastructure, including installations, monitoring, and user management
- Proactively created a system to **automate the shift handover**, accessible via a centralized UI. It became the team standard.

## 2011 Dec – 2013 March - Network Operation Center – Telefónica Global Solutions

- Monitored international internet links and resolved routing issues, acting as a proactive NOC
- **Increased the productivity of the team** by creating and documenting a library of scripts in **VBScript** for the most sensitive and complex tasks (due to their complexity or number of parameters).

## 2010 - 2011 Several IT positions

- Early career roles encompassing general IT support, network setup, and system maintenance

## Professional Strengths

- Strong emphasis on clear and friendly communication
- Passionate about sharing knowledge and mentoring
- Experienced in managing projects successfully as a lead developer
- Deep interest in Domain Driven Design (DDD)
- Autonomous self learner committed to continuous personal and professional development

## Technical Expertise

- Frontend: **React**, Svelte, Astro, SolidJS, TailwindCSS
- Backend: Next.js, Supabase, Bun/Deno/Node, **AWS**, Cloudflare

- Programming Languages: **TypeScript**, Rust, OCaml, Python
- Scripting Languages: Bash, Lua, Google Apps Script, VBScript
- Databases: **PostgreSQL**, **DynamoDB**, CouchDB, Redis, MongoDB
- DevOps: Git, **Docker**, GitHub Actions, TravisCI, Puppeteer, Ansible

## Certificates & Memberships

- 2015 Suse Certified Linux administrator 11
- 2015 LPIC 101 Linux professional institute certified
- 2010 Design and network security configuration CISCO + Microsoft (1100h)
- CCNA

## Education

- I.E.S. Juan de la Cierva. Madrid - Technician in Computer Systems Administration (High-Grade)

© 2026

- [Home](#)
- [Blog](#)
- [CV](#)