Hermy Diaz

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EDUCATION

Instituto politécnico la esperanza, Santiago RD.

Técnico en informática • 2017-2019

EXPERIENCE

Concentra SRL – Software Development Engineer

Software Developer | Jul. 2021 – Present

At Concentra SRL, I work as a Software Development Engineer, participating in the design and development of scalable web applications optimized to handle large volumes of traffic and data. I have implemented performance practices such as efficient state management and lazy loading techniques. Additionally, I configure and maintain CI/CD pipelines using tools such as GitHub Actions and Bitbucket Pipelines, automating build, testing, and deployment processes. I ensure secure and fluid communication between front-end and back-end services and maintain high code quality standards through best practices, collaborative reviews, and unit testing with Jest and React Testing Library. I work collaboratively using Git for version control, managing branches and pull requests within the team's workflow.

Nax – Software Development Engineer

Software Developer | Feb. 2020 – Jul. 2021

At NAX, I worked as a Jr. Fullstack Developer, building web interfaces with React and mobile apps with React Native. I developed RESTful APIs with JWT authentication, integrated third-party services, and supported frontend needs with Node.js and Express. I also wrote unit and integration tests, and deployed mobile apps to the app stores.

Development tools & Technologies

- **Languages & Frameworks:**
  - TypeScript
  - Next JS , React JS , Astro (Web)
  - React Native / Expo (Mobile multiplatform)
  - Node JS / NestJS, Express (API)
  - Bun / Hono (API)
- **Databases & ORM:**
  - Prisma (PostgreSQL, MongoDB)
- **Styling & UI Libraries:**
  - Tailwind CSS
  - Hero UI
  - Shadcn UI
  - Lucide icons
- **Testing:**
  - Jest
  - React Testing Library
  - Vitest
- **Version Control:**
  - Git & Bitbucket
- **DevOps & Deployment:**
  - Docker
  - Nginx
  - PM2
  - UFW
  - Fail2ban
  - Github Actions / Bitbucket Pipelines (CI/CD)
  - Let's Encrypt / Certbot (SSL setup)
  - DNS / Domain configuration
  - SSH access / server provisioning (AWS, Hostinger, etc.)
- **Cloud & Hosting:**
  - AWS (EC2, S3)
  - Hostinger VPS
  - Vercel / Netlify
  - Cloudflare

PROJECTS

Smartcraft | [Live](#) | 2025 | **Freelance**

- An online platform for requesting printing services, digital design, marketing, and branding.
  Users can upload a PDF file and fill out a fully interactive form tailored to their needs and requirements. The platform also supports secure online payments via Azul.
  I built the entire application as a Full-Stack Developer, including the Customer Portal, Backoffice, APIs, Mailer, and File Server.

Gob.do | [Live](#) | 2023 – 2024 | **Concentra SRL**

- I developed a highly scalable dynamic form system capable of executing real-time rules that modify fields and form behavior. These forms are configured through a custom form builder I built in the backoffice, supporting advanced validations such as document checks, date constraints, external API integrations, and file uploads.

Portal Indicadores | 2023 – 2024 | **Concentra SRL**

- Government request tracking and analytics dashboard This platform provides statistical insights into the processing time and current status of service requests submitted across various institutional portals. Its goal is to improve operational efficiency by identifying delays and performance trends in public services.

Golfertek 3.0 | 2023 | **Concentra SRL**

- Golf tournament management platform
  In this project, I developed the backoffice for Golfertek, a platform designed to manage golf tournaments. The system includes modules for user and role management, team creation, and detailed golf course configuration (holes, tees, etc.). It also supports the management of tournament events, invitations, and merchandise. Additionally, I implemented a payment validation system to verify players' entries into the tournaments.

Servicios MITUR | [Live](#) | 2022 - 2023 | **Concentra SRL**

- Tourism service request and management platform
  I worked on a platform for requesting public services related to tourism, including user authentication and dynamic forms powered by a custom form builder. These forms support real-time rule execution to modify fields and logic based on user input. The platform allows users to request services, make payments, and respond to messages from government officials requesting additional information or documentation for each process.

Golfertek 2.0 | 2021 | **Concentra SRL**

- Contributed to the golf course posting interface in the mobile application built with React Native. Later transitioned to the web development team, where I worked on the Backoffice interface of the platform.

Verd | 2021 | **NAX**

- A React Native app called Verd, designed for money lenders to track their clients' payments with alerts and notifications. The app included in-app purchases (IAP) to manage subscription plans.

Nax-cloud ERP | 2020 | **NAX**

- At I worked on an ERP system where I implemented the entire purchasing module. I improved and streamlined key forms by reducing the amount of required information and enhancing the user interface to make the workflow more efficient and user-friendly.

OPEN-SOURCE PROJECTS

esc-pos-printer | Typescript | [Docs](#) | [NPM](#) | [GitHub](#)

- A lightweight JavaScript library/tool for printing via ESC/POS from any JavaScript application.
  Designed for seamless integration with POS systems, it has received over 4.7k downloads on NPM and is used in various production environments.

Reddit-r-Pics | Javascript and React JS | [GitHub](#)

Tweet-Me | Typescript and NextJS | [GitHub](#)