Frainer Encarnación

Experienced software engineer skilled in crafting performant & accessible products mainly for the web.

Relevant Experience

Senior Software Engineer · **Lifter** Jun 2023 — Present

- Developed customized web solutions using React, Odoo modules, and REST APIs, optimizing SQL reports and **reducing manual processing time by 25%**, boosting overall operational efficiency.
- Manage the development and architecture of technical tools like content management systems, REST APIs, and continuous integration pipelines to fulfill business requirement.
- Collaborated with over 20 clients to gather requirements and coordinate with internal teams, ensuring clear communication and the successful delivery of tailored solutions.
- Led server integrations with clients' applications, consolidating tools into a unified platform, improving efficiency and **cutting operational costs by 15%** through streamlined infrastructure management
- **Reduced response time by 30% and enhanced development efficiency** by implementing optimized workflows and leveraging modern web development patterns with React, fostering stronger team collaboration.
- **Delivered 10+ web solutions aligned with stakeholder requirements**, utilizing React, Next.js, and Node.js to ensure scalability and performance.

Full Stack Developer · **International Pack & Paper** Feb — Jun 2023

- Engineered web solutions for the company's online store, optimizing UI/UX design to enhance user experience, which resulted in a measurable **increase in customer engagement and a boost in sales.**
- Developed custom invoice solutions using React and CSS, enhancing the accuracy and professionalism of financial documentation while streamlining the invoicing process.
- Improved a React-based e-commerce app, **enhancing product management, accessibility**, and the overall shopping experience, leading to positive user feedback.
- Built and maintained client websites using Python, Node.js on the backend and React on the frontend, leading to **significant improvements in site performance and reliability.**

Full Stack Developer · **Nelmix Solutions** Sept 2022 — Feb 2023

- Migrated 8+ Odoo modules for web and product management, **improving efficiency and reducing delivery time** by optimizing Python backend and JavaScript front-end integration.
- Integrated third-party APIs to enhance functionality and extend capabilities.
- Introduced team practices like **Pair Review** and **Stop and Fix**, significantly enhancing workflow efficiency and accelerating project delivery.
- Promoted and helped implement Agile methodologies, **boosting team efficiency by 25%** and reducing project timelines for faster delivery of quality outcomes.

Education

Las Americas Institute of Technology

Software Development Technologist specializing in full stack development, data structures, databases, system design, cloud infrastructure, and web/mobile apps.

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Skills

Programming Languages
JavaScript, TypeScript, Python, C#, SQL, HTML, CSS, Sass, GraphQL.

Libraries & Frameworks
React, Next.js, Node.js, React Native, .NET, Tailwind, Express, Flask, Prisma, Drizzle.

Tools & Platforms
AWS, MongoDB, PostgreSQL, SQLite, Docker, Firebase, Supabase, Cloudflare, Vercel, Figma.

Selected Projects

Tracky
A smart, robust and minimalist fitness tracking web app with **AI-powered features** to quickly log meals and exercises.

Techs: TypeScript, Next.js, Drizzle, Postgres, Clerk, Framer Motion, Tailwind, Zod, shadcn/ui

Chatify
Realtime chat app with robust support for text messages, emojis, stickers, GIFs, media, files, and more, allowing users to easily interact.

Techs: TypeScript, React, Auth0, Node.js, Turso, Zustand, AWS (EC2, S3, CloudFront)

Chess AI
Chess game against an **AI powered by the minimax algorithm with alpha-beta pruning and heuristics.** It's designed to determine the optimal move within a specified depth.

Techs: Python, Numpy, Pygame

Languages

Spanish
Native proficiency

English
Full professional proficiency