

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**.

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- 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.

fraineralex2001@gmail.com
(809) 454-1362
github.com/fraineralex
linkedin.com/in/fraineralex
fraineralex.dev

Skills

Programming Languages

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

Libraries & Frameworks

React, Next.js, Node.js, React Native, ASP.NET, Tailwind, Styled Components, Framer Motion, Prisma, Drizzle, Jest, Cypress, Testing Library.

Tools & Platforms

AWS, MongoDB, PostgreSQL, SQLite, Docker, Firebase, Cloudflare, Vercel, Figma, Git, GitHub.

Selected Projects

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)

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

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