Frainer Encarnación

Experienced Software Engineer skilled in crafting performant & accessible products mainly for the web.

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Relevant Experience

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

- Design and develop tailored web solutions to meet client needs, creating Odoo modules, Rest APIs, custom invoice designs, optimized SQL reports to PostgreSQL, among others.
- Collaborate directly with clients to capture their requirements and distribute responsibilities within the internal team, ensuring effective communication and successful delivery.
- Successfully orchestrated multiple impactful integrations of our server with clients' other applications, enabling them to consolidate their various tools onto a single server.
- Significantly enhanced response time and development efficiency in addressing client needs upon my entry into the company.
- Built and delivered web solutions in accordance with stakeholder business requirements, primarily utilizing React and Node.js.

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

- Design and develop customized invoices for the company using web technologies such as JavaScript, XML, and CSS, ensuring professional and user-friendly financial documentation.
- Develop web solutions for the company's online store, applying UI/UX best practices to enhance its virtual shopping experience and ensure seamless functionality.
- Crafted and implemented a tailored extension of the core sales module, streamlining the management of sales commission lines for our clients.
- Enhanced a bespoke e-commerce module focused on product management, elevating the website's shopping experience and driving notable sales growth for our clients.
- Developed, maintained, and shipped production code for client websites primarily using Python, Node.js, and React.

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

- Development and migration of modules for Odoo oriented to customer needs, specializing in web and product management applications using primarily Python and JavaScript.
- Development of custom features for web applications in response to client requests, utilizing React and Node.js technologies, with the goal of enhancing user experience.
- Design and implementation of Rest APIs using Node.js and Express to enable seamless communication between different components of web applications.
- Enhanced development team efficiency by significantly reducing web development and module migration timelines.
- Lead the use and application of agile methodologies to improve development times and increase team efficiency.

Skills

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

Libraries & Frameworks
React, Node.js, Next.js, Express, ASP.NET, Tailwind CSS, Styled Components, Odoo, TanStack Query, Redux, Zustand, Prisma.

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

Selected Projects

Chatify
Realtime chat app with robust support for messages, stickers, and media.
Techs: TypeScript, React, Auth0, Node.js, AWS.

Chess AI
Chess game against an AI using minimax algorithm with alpha-beta pruning.
Techs: Python, Numpy, Pygame.

Frainer's Blog
Responsive blog with robust search, tag filtering, visit count, RSS, and newsletter.
Techs: TypeScript, React, Next.js, Upstash.

Education

Las Americas Institute of Technology
Software Development Technologist specializing in Full Stack Development, Data Structures and Web/Mobile Apps.

Languages

Spanish
Native proficiency

English
Professional proficiency