MARIANO IBARRA

Software engineer passionate about creating robust, engaging, and accessible digital experiences.

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PROFESSIONAL EXPERIENCE

Software Engineer · On City Aug 2023 — Present

Frontend Tech Lead in an agile team focused on designing and developing internal solutions with Angular and .NET, aimed at optimizing key business processes and increasing operational profitability.

Key achievements:

- Designed and implemented the **digital insurance sales flow**, integrating with an external insurance provider, enabling scalable commercial billing through suggestive selling (both online and in-store), via an automated and traceable workflow.
- Developed the **debt outsourcing system with law firms**, automating a manual process that reduced handling time by 80% and freed up 4 employees for strategic tasks.
- Actively participated in the **SAP migration**, mapping processes, designing critical integrations, and automating tasks, significantly boosting commercial productivity.
- Created interactive **Figma prototypes** for key system features, enhancing the customer experience and speeding up requirements validation with stakeholders.
- Made architectural and technical decisions in Angular, including modularization strategies, lazy loading, state management, and performance optimization in complex interfaces.
- Led the frontend team technically: setting standards, conducting code reviews, mentoring, and aligning technical work with product goals.
- Consistently engaged in functional analysis with stakeholders, transforming operational needs into robust, scalable tech solutions.

Responsibilities:

- Technical leadership, architecture, and design decisions
- Mentoring and technical alignment of the team
- UX/UI prototyping and design using Figma
- Functional analysis and solution implementation
- Complex integrations with SAP and external services

Fullstack Developer · Lumma, 4D E-Motion Feb 2023 — Jul 2023

I designed and developed the core applications of a Smart TV operating system, tackling the technical challenge of delivering an optimal user experience on limited hardware and spatial navigation via remote control.

Key achievements:

- Led the design of an intuitive and accessible interface, adapting components, navigation patterns, and controls to ensure a smooth experience using a remote.
- Developed fullstack web applications optimized for low-resource devices, prioritizing performance, load times, and rendering efficiency.
- Coordinated with design, product, and QA teams to align functional, technical, and user experience goals.
- Conducted testing and fine-tuning on physical devices (STBs), ensuring compatibility, stability, and responsiveness in real-world usage.

Frontend Developer · Lemon Jun 2021 — Nov 2022

I was part of the frontend team at a fast-growing fintech, contributing to the development and maintenance of accessible, modern, and responsive interfaces.

Key achievements:

- Implemented new features in web products with a strong focus on performance and usability.
- Took part in maintenance tasks, bug fixing, and optimization of reusable components.
- Performed quality testing across multiple browsers and mobile devices to ensure a smooth and responsive user experience.
- Supported team growth by promoting best practices in development, version control, and collaborative work.

SKILLS

Programming Languages
JavaScript (ES2020+), JS, TypeScript, Node.js, C#, Java, HTML, CSS, SCSS, Sass, SQL, GraphQL

Libraries & Frameworks
Angular (v2+), AngularJS, React, Next.js, Astro, .NET Core, .NET Framework, MAUI, WPF, WinUI 3, RxJS, Zustand, Redux, Tailwind CSS, Bootstrap, Material UI, Storybook

Tools & Platforms
Git, GitHub, GitLab, TFVC, Azure DevOps, Azure Portal, AWS (EC2, S3, Lambda), Firebase, Vercel, Netlify, Dokploy, Cloudflare, Docker, npm, ESLint, Webpack, Vite, Prettier, Figma, Postman, Swagger

Testing
Jest, Vitest, Mocha, Karma, Jasmine, Cypress, Playwright, Testing Library, Storybook, TDD, BDD, E2E Testing, Unit Testing, Integration Testing

Architecture & development
Clean Architecture, SOLID, DDD (Domain-Driven Design), RESTful APIs, Design Patterns, CI/CD, Microservices, Web Components, SSR (Server-Side Rendering), SSG (Static Site Generation)

Methodologies & soft skills
Agile, Scrum, Scrumban, Kanban, Code Reviews, Pair Programming, Mentoring, Team Leadership, UX/UI Implementation, Accessibility (WCAG), Responsive Design, Performance Optimization

CERTIFICATIONS

Programming in C#
Udemy, Oct 2024

Reactive Angular Course (with RxJS)
Udemy, Apr 2024

Angular Advanced
Udemy, Oct 2023

Google Mobile App Development
Google, May 2023

English B2 Upper Intermediate
EFSET, Oct 2022

EDUCATION

Information Systems Engineering
Universidad Tecnológica Nacional, 2014 — 2021