

Elkin Mendoza

Full-stack Software Engineer

<https://emendozauxd.dev>
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elkinmendoza00@gmail.com
+61 401 972 801
Based in Australia

FULL-STACK SKILLS

	JavaScript (ES6+), TypeScript (Expert)
	Python, SQL, GraphQL
	React, Vue, NextJS, NuxtJS, Astro
	Tailwind CSS, Styled Components, Sass/SCSS
	Node.js, Express, Fastify,
	Redux Toolkit, Zustand, Pinia, TanStack Query
	AI Integration (OpenAI, Claude API, LangChain)
	PostgreSQL, MongoDB, Redis, Supabase, Prisma
	RESTful & GraphQL API Integration
	Vitest, Jest, Playwright, Cypress, Testing Library
	Vite, Turbopack, esbuild, Webpack, SWC
	Version Control: Git, GitHub, GitLab
	Web Performance Optimization, Lighthouse, Core Web Vitals
	Serverless (Vercel, Netlify, AWS Lambda)
	Docker, CI/CD (GitHub Actions, GitLab CI)
	Graphical Libraries (D3.js, Chart.js, Three.js)
	Docker, Kubernetes, Container Orchestration
	Microservices Architecture, API Design

WORK EXPERIENCE

Novated Lease Australia NLA / Front-end web Developer

Feb 2025 - Feb 2026, Perth - Australia

Led the complete rebuild of the company's corporate website, transforming it from an outdated platform to a modern, user-friendly digital experience. Collaborated closely with design teams to bring creative visions to life, developing intuitive interfaces that made car leasing simple and accessible for customers.

Managed three key projects simultaneously, delivering consistent improvements across the company's digital ecosystem. Implemented smart automation systems that reduced manual work for internal teams while enhancing the customer journey.

Key Impact: Doubled website lead generation, significantly increased customer engagement, and streamlined internal workflows by 60%.

Created a scalable foundation that will serve the company for years to come, while ensuring every interaction with the brand was smooth, professional, and conversion-focused.

Successfully balanced technical excellence with business objectives, delivering solutions that both users and stakeholders loved.

LaunchPad6 / Front-end web Developer

May 2020 - Jan 2025, Melbourne - Australia

Enhanced the visual design and front-end architecture for improved aesthetics and functionality. Collaborated in planning, designing, and documenting the structure of a website builder tool, adhering to best practices.

Developed a scalable website builder tool using TypeScript, React.js, Zustand, Stencil.js, Tailwind CSS, and CSS3, enabling customers to create contest-based websites. Continuously improved the website builder's usability, testing processes, and performance.

Designed the tool to support dynamic component addition and feature updates via a database-driven approach.

The website builder aimed to empower users to easily create customisable, interactive online contests for marketing and engagement purposes.

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UI/UX DESIGN SKILLS

	User-Centered Design (UCD)
	Wireframing & Prototyping (Figma, Sketch)
	Design Systems creation & maintenance
	Responsive & Adaptive Design
	User Flows & Journey Mapping
	UI Animation (Framer Motion, GSAP, CSS)

EDUCATION

Advanced Diploma of IT / Strathfield College

Melbourne - Australia
2017 - 2018

System engineering / Open and Distance National University

Bogotá - Colombia
2017 - 2018

Analysis and Development of Information Systems / National Learning Services

Barranquilla - Colombia
2013 - 2016

WORK EXPERIENCE

Transforma Digital & Publicity agency / Front-end web Developer

May 2018 - Sep 2019, Colombia

Led front-end development area, collaborating with UX designers to create websites, mobile apps, and landing pages for customers' strategic marketing campaigns.

Many projects were built using Vue.js, Angular, or static pages with HTML and CSS frameworks, bundled and optimised with Webpack. These projects involved designing and implementing responsive user interfaces, ensuring cross-browser compatibility, optimising performance, and integrating front-end components with back-end APIs to deliver seamless user experiences.

Collaborated closely with UX designers and stakeholders to meet project requirements and maintain consistent branding.

Comprobamos SAS / Full Stack Developer

Sep 2017 - Feb 2019, Colombia

Played a key role in the redesign and development of the Comprobamos online platform.

Developed RESTful APIs in Node.js, integrating data from a MongoDB database. Utilised Scrapy for web scraping to extract public data from the National Policy Check website for background analysis in Colombia.

Designed and implemented an interactive interface using D3.js to present background and criminal record reports in a user-friendly centred way.

Nabica Digital Agency / Front-end web Developer

July 2016 - Jun 2017, Colombia

Collaborated along with the UX/UI team to redesign and develop the French Alliance platform website.

Developed an Android and iOS app to combat Hawksbill Turtle trafficking and raise awareness for WWF.

Created web landing pages for marketing campaigns using Vue.js, CSS3 preprocessors, and frameworks.

Designed the front-end architecture for Freightliner Colombia's official website.

Built the 2017-2022 official website for Nábica Digital Agency.

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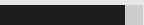
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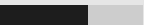
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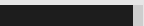
AI & DATA SKILLS



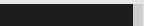
AI/LLM Integration



LLM Monitoring
(LangSmith, Helicone)



Semantic Search &
Embeddings



AI Safety & Content
Moderation



Python Data Stack
(Pandas, NumPy)

WORK EXPERIENCE

Sanolivar sas / Full Stack Developer

Feb 2016 - Sep 2016, Colombia.

Designed layouts for a school route tracking web platform using CSS3, HTML5, and Material UI.

Developed advanced SQL queries and implemented sockets for real-time updates between back-end and front-end.

Defined a RESTful API in Node.js for a school route tracking Android app.

Built the foundation and core functionalities of the Android app using Android Studio and Java 8 for real-time route tracking.

National Learning Service SENA / Full Stack Developer

Jan 2014 - Aug 2014, [Apprenticeship] working in Colombia.

Proposed and developed a web app to streamline payment requests for temporary workers, reducing processing time by 60%.

Improved the usability and design of the institute's web platform and official website

Re-structured the payment process database for integration with the new web app.

Gained experience with AngularJS, PHP, Node.js, MongoDB and non-relational databases for lightweight data.

Applied front-end design principles, Design system, User/Task flows