

# Martin E. Mendez

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## SUMMARY

**Highly accomplished Full-Stack Web Developer** with **5+ years of experience** designing, developing, and deploying scalable web applications. Recently specialized in integrating cutting-edge **AI technologies**, including Large Language Models (LLMs), Retrieval-Augmented Generation (RAG), and vector databases, to enhance automation, user interaction, and knowledge delivery.

**Proficient in modern JavaScript frameworks (Angular, Vue.js, React), robust backend technologies (Node.js, Express, FastAPI, Python), and cloud database management (MongoDB, Firestore, PostgreSQL).** Proven ability to deliver high-impact, performant solutions that optimize efficiency and drive business growth in dynamic, cross-functional environments.

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## SKILLS

- **Front-end:** HTML5, CSS3, Angular, Vue.js, TypeScript, Sass, Tailwind CSS, Bootstrap
  - **Back-end:** Node.js, Express.js, FastAPI, Python, RESTful APIs, OpenAI API, LangChain.
  - **Database:** MongoDB, Cloud Firestore (NoSQL), PostgreSQL, Pinecone (Vector Database).
  - **Cloud & DevOps:** CI/CD Pipelines, Git, Docker, Vercel, Railway, Firebase.
  - **Tools & Libraries:** Figma, Stripe API, Postman, Insomnia, Bruno, Slack.
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## PROFESSIONAL EXPERIENCE

**Software Developer** | Tupungato Wine Co. | Napa, California | May 2024 – Present

- **Spearheaded the development and implementation** of a customer acquisition platform in **Angular, TypeScript, and Tailwind CSS, ensuring robust digital positioning** for the brand's official debut.
- **Designed and built** a secure **RESTful API with Node.js and Express, streamlining Stripe integration** for payment processing during exclusive sales, boosting transaction efficiency by **15%**.
- **Engineered efficient data handling** using **Cloud Firestore (NoSQL)** for customer information, **accelerating database retrieval speeds by 20%**.
- **Automated deployments** by **establishing a comprehensive CI/CD pipeline**, which **minimized operational errors** and **guaranteed consistent software delivery** across all development stages.

**Web Developer – Project Manager** | AgroFull | CABA, Argentina | March 2022 – August 2024

- **Eliminated project bottlenecks** by **designing high-fidelity Figma prototypes**, offering **precise UX/UI** guidance that **accelerated development cycles by 30%**.
- **Developed and optimized the application's front-end** using **Vue.js and Bootstrap**, leveraging **Git** for version control to achieve flawless design integration and UI consistency.
- **Elevated user experience and enhanced website integration** for agrofull.net using **HTML5, CSS3, and JavaScript**, leading to a **25% increase in key user engagement metrics**.

**Software Developer** | Victor Iermito Luthier | Paris, France | April 2021 – December 2021

- **Designed and built a Single-Page Application (SPA)** with **Angular and TypeScript** for **automated content management**, which **modernized existing processes** and **cut manual updates by 40%**.
  - **Developed and launched a self-service CRUD system** empowering **clients to manage guitar inventory** and generate QR codes, which **slashed operational costs by 90%** by eliminating direct developer dependency.
  - **Optimized user perception** during **low-bandwidth conditions** through the **creation of a custom loader** with **Sass, HTML, and CSS**, which **guaranteed smooth transitions and consistent brand representation**.
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## CERTIFICATIONS

- **AI (LLM RAG Vector database)** | Platzi | 2025 | [link](#)
  - **Angular Framework** | Platzi | 2023-2024 | [link](#)
  - **Backend Development** (Node.js, FastAPI, Django, Flask) | Platzi | 2021-2023 | [link](#)
  - **Databases (MongoDB)** | Platzi | 2022-2024 | [link](#)
  - **Python** | Platzi | 2021-2023 | [link](#)
  - **Others Web Technologies (Git, React, Vue, Ionic)** | Platzi | 2021-2025 | [link](#)
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## EDUCATION

- **Master of Music** | Superior Conservatory of Paris | Paris, France 2008
- **Bachelor of Music** | Conservatory of Colombes | Colombes, France 2006
- **High School Diploma, Specialized in Exact Sciences** | Buenos Aires, Argentina 1998