

SERGIO ALEJANDRO RAMIREZ

UX/UI & AUDIO SOFTWARE ENGINEERING

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SUMMARY

As a software engineer focused on UI/UX design and audio software engineering, I combine technical expertise with a deep appreciation for how users interact with technology. My background in both visual and auditory design gives me a unique perspective on creating intuitive, engaging experiences.

TECHNICAL SKILLS

Programming Languages

Javascript, Typescript, Python, HTML/CSS, GOLang

Audio Engineering

HISE, JUCE, Max/MSP, Web Audio API, DSP Integration

UX/UI Tools

Figma, Sketch Pro, Adobe Photoshop, Canva, AI

PROFESSIONAL EXPERIENCE

Audio Software Engineer, Refugio Music Studio Oct 2023 - Mar 2025

- Led the development of studio-grade plug-ins, available on all DAWs.
- Created a built-in automated system on their website between clients and the engineer.
- Implemented preventive maintenance strategies, resulting in a 20% decrease in equipment downtime.

Junior Software Engineer, World System Builder Oct 2022 - Current

- Designed and optimised a CRM, realizing a 20% performance improvement for insurance agents.
- Coordinated testing and validation, ensuring compliance with industry standards.
- Created personal website templates for Life Insurance Agents in the USA, Canada, & the Philippines.

EDUCATION

Software Development Jan 2024 - Mar 2025

CourseCareers

- Certification I Software Development
- Projects Include: ECommerce Websites, Audio Processing Web-Based Tools, etc..

Audio & Sound Engineering Mar 2025 - Current

Instituto ENE Audio

- Relevant coursework in Sound Design & Audio Engineering

ADDITIONAL INFORMATION

- **Languages:** English, Spanish.
- **Certifications:** Software Development, Course Careers. Life, Health, & Sickness CA License
- **Acheivements:** Helping friends & partners make monthly salaries through ecom websites, CRMs, and Automated systems.