

OSÉ MANUEL CISNEROS VALERO

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EDUCATION AND CERTIFICATIONS

Instituto Politécnico Nacional (UPIICSA) <i>Bachelor's Degree in Informatics</i>	Mexico City, Mexico Aug 2022 – Present
Instituto Politécnico Nacional (CELEX) <i>English Language Certification – B2 Level</i>	Mexico City, Mexico Feb 2024 – Dec 2025
Harvard University (CS50x) <i>Computer Science: Algorithms, Data Structures, and Web</i>	Remote Jan 2025 – Apr 2025
Instituto Politécnico Nacional (CECyT 5) <i>Technical Degree in Accounting</i> Financial background and business logic applied to software.	Mexico City, Mexico Aug 2019 – Jul 2022

FEATURED TECHNICAL PROJECTS

DSS for Auto Repair Shop (macOS App) • Developed a native desktop application for operational management and decision-making in automotive repair shops. • Integrated local execution Artificial Intelligence models (Llama 3.2) for metrics analysis and automated assistance. • Designed a scalable architecture separating business logic from the graphical interface using SwiftUI.	Swift, Llama 3.2 (AI), macOS
Rhythm (Streaming Platform) • Built a Fullstack music application with modern cloud architecture, managing media storage on AWS S3. • Implemented secure authentication and user management with Clerk, ensuring data integrity with TypeScript. • Developed a responsive, high-fidelity interface similar to top-tier commercial applications.	Next.js, TypeScript, AWS, Clerk

PROFESSIONAL EXPERIENCE

Purificadora MejorVida <i>Project Coordinator</i> • Conducted financial and operational cost analysis for the viability of the investment project. • Designed operational workflows and led a market study with over 80 interviews to validate the product.	Mexico City, Mexico Mar 2025 – Jun 2025
IMAC: Invención de la Mente <i>Global Event Coordinator</i> • Developed a Python script to automate sending invitation and confirmation emails, reducing manual workload. • Coordinated technical logistics and international communication with multiple educational institutions.	Mexico City, Mexico Jan 2021 – Feb 2022

TECHNICAL SKILLS

- **Programming Languages:** Swift, C, JavaScript, Python, SQL, NoSQL.
- **Frameworks & Tools:** SwiftUI, UIKit, React, Next.js, Astro, Git/GitHub.
- **Languages:** Spanish (Native), English (B2).