

Andres Cusirramos

+51 942 343 640 | andres.cusirramos@icloud.com | [linkedin.com/in/andrescmm](https://www.linkedin.com/in/andrescmm) | github.com/Andrescmm

I am a Software Engineer with experience specializing in Odoo ERP development. I have built custom modules in Odoo 12 to 17, created REST APIs for third-party integrations, and deployed solutions in cloud environments. I am skilled in configuring roles, permissions, access control, and database optimization. My experience includes full-cycle software development, client communication, and agile team collaboration. I follow best practices and contribute to technical documentation and code reviews to ensure maintainable, secure solutions.

EXPERIENCE

Software Engineer

Oct 2024 – Present

Cresta Staffing.

New York, USA

- Implemented and managed Odoo Enterprise ERP solutions, including CRM, Sales, Accounting, Inventory, and Project modules tailored to construction-industry workflows.
- Developed and customized React web applications to match workflows and connect with Odoo via APIs.
- Led end-to-end data migration efforts from legacy systems to Odoo, ensuring integrity, accuracy, and minimal downtime.
- Configured user roles, access rights, and workflows, while ensuring system security and scalability.
- Analyzed existing business procedures and recreated them as automated workflows within Odoo during the migration process.
- Provided comprehensive training and technical support to end users and created user documentation.
- Applied Odoo.sh and followed software development best practices to manage module changes and teamwork.

Software Engineer

May 2024 – Oct 2024

Tecnologias Roots Inc.

San Salvador, El Salvador

- As a team, we developed the software architecture, data flow diagrams, and detailed design documents to define the structure and components of the project.
- Developed various custom modules in Odoo 17, following the proposed architecture and based on the functionality of a previous system.
- Created REST APIs to connect the functionality developed in Odoo with a desktop application built in React.
- Deployed multiple Odoo instances on a Linux web server to enable API consumption and allow clients to access the system during review stages.
- Understood and gathered software requirements from clients to define the project's scope and specifications.
- Participated in the creation of technical documentation, user guides, and manuals to assist developers and end users.

Python Back-End Developer

Oct.2022 – April. 2024

Inka Labs

Arequipa, Perú

- Optimized Odoo ecosystem operations by monitoring payment vouchers for accurate submission and performing seamless migrations of custom and native modules to newer Odoo versions.
- Streamlined integration processes by leveraging XML-RPC to connect multiple Odoo instances and developing REST APIs to integrate mobile applications for ridesharing and currency exchange.
- Performed module migrations from older versions of Odoo to more recent ones.
- Participated in the creation of various custom modules for use in human resources, planning, and more.
- Provided training and support to clients with inquiries about the functionality of their modules.
- Applied software engineering to effectively solve real-world development challenges, using agile methodologies.
- Actively participated in all stages of the software development cycle, from planning and design to final product delivery.

PROJECTS

Odoo Module for Medical Dates | *Ngnix, Python, Odoo, XML, Digital Ocean, Git*

Jan. 2025

- Built a module to register and monitor patients and medical history with up 1000 registers by now.
- Implemented cloud infrastructure with a Digital Ocean droplet and database backup in AWS S3.

AI Video Resume Web | *Python, Django, ChatGPT API, Tailwind, Git*

May. 2024

- Built a full-stack web that allows users to input a YouTube video link and receive an AI-generated summary.
- Integrated backend logic with Django to process video links, retrieve transcripts, and seamlessly communicate with the ChatGPT API.

EDUCATION & CERTIFICATIONS

Bachelor in Computer Science

Mar. 2018 – Dec. 2023

San Pablo Catholic University

AWS Academy Cloud Architecting

Nov. 2023

Amazon Web Services Training and Certification

TECHNICAL SKILLS

Languages:: English - C1

Programming Languages: C, C++, Python, SQL (Postgres), JavaScript, HTML/CSS, Swift/Swift UI, XML

Frameworks: Odoo, Cuda, Tensorflow, Flask, Django, React, FastAPI, OpenGL

Developer Tools: Git, GitHub, Bitbucket, Docker, Digital Ocean, AWS, Google Cloud Platform, Visual Studio, PyCharm, Postman, Xcode, Swagger, Vercel, Odoosh