

# RAYVER AIMAR MUÑOZ CURI

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## EDUCATION

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### Universidad Católica San Pablo (UCSP)

*Bachelor of Science in Computer Science*

Arequipa, Peru

Jul. 2019 – Jul. 2024

### Colegio de Alto Rendimiento (COAR) Arequipa

*International Baccalaureate (IB) Diploma*

Arequipa, Peru

2016 – 2019

## EXPERIENCE

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### Software Engineer (Contract)

*Canaria Consulting*

Jan. 2025 – Present

*Remote*

- Engineered an AI-powered compliance chat by orchestrating **n8n** workflows with LLM agents, streaming real-time responses to users via **Django Channels** WebSockets
- Integrated multiple blockchain screening and sanctions APIs into a unified risk assessment pipeline, automating due diligence workflows with **Celery** async task scheduling
- Designed and built a full-stack **multi-tenant KYC/AML** platform with fine-grained RBAC, serving crypto and fintech organizations across **Django REST Framework** and **React/TypeScript**
- Deployed backend services to **Google Cloud Run** and **Compute Engine** with CI/CD via **GitHub Actions**; implemented document OCR with **Azure Document AI** for automated identity verification

### Software Developer (Freelance)

*Asociación Civil Transparencia*

Jul. 2024 – Dec. 2024

*Lima, Peru*

- Built the prototype of *Radar Tolerancia Cero*, a civic-tech platform for Peru's 2026 elections that aggregates candidate data from **15+ public databases** using generative AI
- Designed the **FastAPI** backend with **PostgreSQL**, containerized with **Docker**; platform adopted by **13 political parties** for internal candidate vetting

## PROJECTS

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### **pyxus** | *Python, MCP, Static Analysis* | [github](#)

2026

- Built a Code Intelligence Engine that creates a knowledge graph of Python codebases and exposes it to AI agents via the **Model Context Protocol (MCP)**
- Resolves 70–85% of call chains without type hints; analyzes 100 files in ~1.2s; 279 tests

### **yarl** | *Python, Compiler Design* | [github](#)

2023

- Compiler for a Chocopy-Python subset with lexer, parser, semantic analysis, and code generation built from scratch

### **Hybrid CNN-Transformer** | *Python, PyTorch* | [github](#)

2024

- Hybrid CNN-Transformer model for multi-class skin cancer classification on dermoscopic images

### **CG-rubiks-cube-solver** | *C++, OpenGL* | [github](#)

2022

- Real-time 3D Rubik's Cube with OpenGL rendering and an automated solver in C++

## TECHNICAL SKILLS

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**Languages:** Python, TypeScript, JavaScript, C++, SQL

**Backend:** Django, Django REST Framework, FastAPI, Celery, Django Channels

**Frontend:** React, Redux Toolkit, TanStack Table, React Flow, Framer Motion

**Databases:** PostgreSQL, Redis

**AI / ML:** LLMs, n8n, MCP, PyTorch, Azure Document AI

**Infra:** Docker, GitHub Actions, Google Cloud Run, Google Compute Engine