

Cesar Vilcherrez Zarate

MSc&T (M2) IoT at École Polytechnique

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Paris, France



PROFESSIONAL SUMMARY

Professional with a solid foundation in electronic engineering and systems architecture, combining hands-on technical expertise with a consulting-oriented mindset. I am seeking a 6-month internship in the Cloud domain within a multicultural, client-focused environment. My experience spans Data Center, Cloud, and IoT technologies, supported by a background in technical sales and solution advisory. Languages: Fluent in Spanish and English; professional proficiency in French.

WORK EXPERIENCE

IoT Engineer Intern

Floware

Apr. 2025 - Sept. 2025 (6 months) Paris, France

- Adapted core C++ codebase to implement new functionalities, such as enabling SMS message transmission directly from Jetson boards.
- Implemented new cloud services for IoT edge sensors using NVIDIA Jetson boards integrated with Azure Arc, streamlining deployment and device management.
- Built cloud-ready IoT services using NVIDIA Jetson boards, Docker, and Azure IoT Hub with CI/CD automation concepts.

Senior Cloud & Data Center Sales Specialist

ON Empresas

Jul. 2023 - Jul. 2024 (1 year) Lima, Peru

- Generated high-value technical sales for the company's proprietary cloud VMware-based and data center solutions, including Infrastructure as a Service (IaaS), Backup as a Service (BaaS), Disaster Recovery as a Service (DRaaS), Hosting, and Housing
- Identified client needs, developed customized solutions, and drove business growth by delivering high-performance, secure, and scalable services to clients.
- Secured long-term contracts that generated USD 1.2 million in revenue within the private sector.

Presales Consultant

SOLERA SYSTEMS

Oct. 2021 - Jun. 2023 (1.5 years) Lima, Peru

- Internal consultant at a tailored consultancy agency specializing in Human Center Design and Innovation projects.
- Led high-impact presentations during prospect meetings with IT managers and stakeholders to understand their needs and showcase our capabilities.

EDUCATION

MSc&T Internet of Things: Innovation and Management

École Polytechnique

2024 - 2026 Paris, France

- Courses in Internet Protocols, Computer Architecture, IoT Projects, Digital Businesses.

B.Sc. Electrical Engineering

Pontifical Catholic University of Peru (PUCP)

2011 - 2016 Lima, Peru

- Ranked first place in the Class of 2016-2.

International Exchange Program

University of Alberta

2015 (1 semester) Edmonton, Canada

SKILLS

Languages:

Spanish: Native

English: C1 (TOEFL 102 - 2022)

French: B2

IT Competencies:

OS: Windows, Linux (Ubuntu), macOS

Programming: Python, C, C++, JavaScript, Bash

Electronics & IoT: Arduino, Raspberry, NVIDIA Jetson, MSP Launchpad, ESP32

DBMS: PostgreSQL

Dev Tools: CI/CD, Git, UNIX commands, Docker

Cloud: VMware, AWS, Azure

CRM: Odoo

Data Science :

MITx MicroMasters in Statistics and Data Science (Virtual, 2023) - Foundations in Machine Learning and Deep Learning

Personal Skills

Effective communication, Judgement and decision making, Creativity, Organizational Skills, Relationship Building

ACADEMIC PUBLICATIONS

"New Payloads in Science for New Perspectives in University Satellites"

Co-author of the conference paper presented at the III IAA Latin American CubeSat Workshop. Ubatuba, Brazil (2018)

VOLUNTEERING

- Musician:** Guitarist at the Peruvian Music and Dance Center of my home university, serving as a representative and leading member of the coastal music group (2011-2021).

- Exhibitor:** Volunteer at the International Exchange Programs Fair, sharing my experience studying in Canada (2016).

INTERESTS

- Music:** Guitar playing, music writing, and YouTube content making about the Peruvian coastal guitar.

- Sports:** Road/Gravel Cycling, Running, Swimming, Stand-Up Paddle and Soccer.