







UGAZ MANAYAY, LOAMMI JEZREEL

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PROFESSIONAL PROFILE

Telecommunications Engineer trained at the Pontificia Universidad Católica del Perú (PUCP), with experience in Cloud Solutions Architecture (AWS and GCP) and Backend Development. Experienced in the design and implementation of technology solutions for business environments. Proficient in IoT technologies, SQL and NoSQL databases, and Artificial Intelligence focused on Natural Language Processing. Possesses advanced skills in mobile and web application development, with a proactive, collaborative, and continuous learning-oriented approach.

UNIVERSITY HIGHER STUDIES

08/2019 - 07/2024

PONTIFICIA UNIVERSIDAD CATÓLICA DEL PERÚ
TELECOMMUNICATIONS ENGINEER

TECHNICAL COMPETENCIES

Languages:

Spanish (Native), English (Intermediate B2)

Programming Languages

Java, TypeScript, Python, C#, Dart, PHP

Frameworks & Libraries

Spring Boot, Android SDK, Node.js, React, LangChain, Flask, .NET Core, Flutter, Laravel, Kotlin with Jetpack Compose

Databases

MySQL, PostgreSQL, MongoDB, Firebase Realtime DB, Firestore, SQL Server, Redis

Cloud & DevOps

Google Cloud Platform (GCP), Amazon Web Services (AWS), Azure, Firebase, Supabase, Docker, Cloudflare (Workers, R2, Queues, etc)

Architectures and Technologies

Microservices, Serverless Architecture, RESTful APIs, Internet of Things (IoT), Retrieval-Augmented Generation (RAG with LangChain), Web Scraping, RFID Technology, Power Bi

CERTIFICATIONS

Training Course in Machine Learning for Industry — FABRICUM, PUCP (Feb - Apr 2025)

Topics: Introduction to Machine Learning, Data Preprocessing, Feature Engineering, Classification and Regression, Ensemble Models, Neural Networks, Tuning and Deployment of Models.

English as a Foreign Language Program — Idiomas PUCP, Pontificia Universidad Católica del Perú (Oct 2024)

Level achieved: Intermediate (B2 according to the Common European Framework of Reference for Languages - CEFR).

Power BI Training Course for Management — Faculty of Management and Senior Management, PUCP (Feb – Apr 2023)

Topics: Power BI and Business Intelligence, connections from Excel, types of join, granularity and relationships, calculated measures and columns, workspaces and shared datasets, CRISP-DM, SQL and data loading to Power BI.

WORK EXPERIENCE AND PROJECTS

Huawei (October 2025 – present)

Position: IT Engineer

Achievements:

Involved in **Big Data ecosystem migration projects**, upgrading multiple critical components (Spark, Flume, Sqoop, Python, Redis, MySQL, and Hadoop) to their latest versions. Work performed in **Linux environments** with secure **VPN connections** to client servers, ensuring **compatibility, stability, and improved performance** across the new infrastructure.

Responsibilities: Maintaining and upgrading the Big Data platform, automating processes using Python, and providing specialized technical support throughout the migration phases.

Grupo Onnesta (August – September 2025)

Position: Semi Senior Programmer .NET CORE/REACT JS (*services by fees*)

Achievements:

Participated in the **processing and validation of Excel data files** for loading into **SQL Server** in **Financiera Confianza** projects. Responsibilities included **exporting information to Excel and TXT**, handling **support tickets**, and maintaining applications through **bug fixing** and the **development of new features**. Also involved in developing new applications and integrating solutions using .NET Core and React JS.

Lexia LegalTech S.A.C. (January – April 2025)

Position: Software Engineer (*services by fees*)

Achievements:

Development of a data extraction system using **Web Scraping**, implementation of Workers in **Cloudflare** connected through microservices, and integration with databases in **Supabase, Vector Databases and AWS (RDS, S3)** to perform semantic searches powered by **AI**. Implementation of **WebSockets** for *real-time streaming* of AI responses , **along with the integration of the frontend using NEXT.js**.

Zafiro Equipos y Servicios S.A.C. (October 2023 – December 2024)

Position: Programmer Analyst

Achievements:

Development of web and mobile applications, cloud architecture design (**Firebase, AWS, aiPaaS**) and implementation of serverless functions with **Python and Node.js**. Creation of a system to extract telemetry data from Volvo dump trucks using the Volvo Connect API and development of an app for its control and optimization.

Cybersecurity project with **Tenable Nessus® Professional**, implementing automated vulnerability scans and detailed reports with AI-based recommendations, including the integration of **SQL Server** as the main database to store and query the data collected by Nessus.

Barbacci Motors S.A. (January – March 2023)

Position: Programmer and Support in the Systems area

Achievements:

Development and maintenance of a system **ERP** web-based using **Java and JavaScript**, with incident resolution and performance optimization. Development and maintenance of internal software applications to improve business processes, along with technical support and **troubleshooting** of systems to increase overall operational efficiency. Integration and management of databases **SQL Server and PostgreSQL** as part of the implemented solutions.

Projects 2024

InnovAcción Challenge 2.0 (Proyecto Campis - 2024): Member of the finalist team in the XVIII edition of the TIC Americas program, organized by the OEA, where we implemented artificial intelligence with **TensorFlow in Python** and developed a mobile application with **Flutter** for the detection of diseases in potato leaves, using **Firebase**.

Integrative Telecommunications Project with Enel (2024-1): Participation in the structuring of data for Enel's inventory and in the development of a mobile application in **Flutter**, optimizing inventory management. Use of **Firebase**.