

Felipe A. Torres Haro

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Fullstack developer with experience in conversational AI, native mobile development, backend, and cloud. Currently building LLM-powered conversational flows and Retrieval-Augmented Generation (RAG) systems at Adereso. Previously delivered Android POS applications at Ripley and microservice architectures for Pyggpod, Kyocera, and TVV. Proficient in Python, TypeScript, Java, and Kotlin. Agile practitioner focused on process optimization, scalable solutions, and user experience.

PROFESSIONAL EXPERIENCE

Adereso

Fullstack Developer

Chile

Nov 2025 - Present

- Design and implementation of automated conversational flows using Large Language Models (LLM)
- Implementation of Retrieval-Augmented Generation (RAG) systems for enterprise knowledge integration within conversations
- Development of web scraping solutions for data extraction
- Process automation via RPA for form management
- Implementation of ETL pipelines for data integration and transformation
- Stakeholder management and technical-functional requirements gathering to align conversational flow design with strategic business objectives
- Direct communication with end users and clients for iterative refinement of language models based on real feedback

Technologies: Python, LLM, RAG, ETL, RPA, Web Scraping, APIs

Ripley

Software Engineer

Chile

Aug 2024 - Nov 2025

- Development and maintenance of Android POS (Point of Sale) applications for Ripley's retail operations
- Design and implementation of payment gateway integrations with internal company services
- Contributed to the development of Android applications for the POS system
- Collaborated with the team on problem-solving, process optimization, and continuous improvement of mobile application architecture and performance

Technologies: Java, Kotlin, Android SDK, Payment APIs, POS Systems, Git, Clean Architecture

Hazlo Ágil

Software Engineer Fullstack

Chile

Nov 2022 - Aug 2024

- Development and maintenance of backend solutions for Pyggpod, Kyocera, and TVV
- Implementation of microservice-based architectures using Docker and Kubernetes
- Integration of cloud services (AWS, GCloud) to improve application scalability
- Automation of development processes through GitHub Actions and CI/CD pipelines
- Creation and documentation of RESTful APIs and GraphQL for external system integration

Technologies: Python, TypeScript, AWS, Docker, Kubernetes, GCloud, GitHub Actions, GraphQL

Industrial Waste Monitoring

Software Engineer Freelance

Chile

Aug 2022 - Nov 2022

- Led the design and implementation of a monitoring system for industrial waste management
- Development of solutions for capturing, processing, and storing sensitive data
- Creation of dashboards for real-time data visualization
- Implementation of automated alert systems based on specific metrics

Technologies: Python, SQL databases, Monitoring systems, APIs, Grafana

TecnoAustral

Software Engineer

Chile

Feb 2022 - Aug 2022

- Development of systems for handling and managing large volumes of industrial data
- Implementation of notification mechanisms for data generated by PLCs
- Optimization of database queries to improve performance
- Creation of interfaces for visualization and analysis of operational data

Technologies: Ignition, SQL databases, Data capture and transmission systems

EDUCATION

Universidad del Bío-Bío

Psychology

Chillán, Chile

2015 - 2020

Cognitive psychology, Social skills, Social psychology, Educational psychology, Organizational psychology, Leadership

Universidad del Bío-Bío

Entrepreneurship and Leadership

Chillán, Chile

2019 - 2020

Social skills, Leadership, Soft skills

CERTIFICATIONS

Google Cloud Skills Boost

Machine Learning Engineer

Online

2022 - 2023

Python, Cloud, Data analysis, Theoretical and functional understanding of AI applied to software solutions

Coursera

Data Scientist

Online

2022

Jupyter Notebook, Python, Docker, Data analysis, Interactive graphics

ADDITIONAL SKILLS

Languages: Spanish (native), English (Intermediate)

Agile Methodologies: Scrum, Kanban, Sprint Planning

UI/UX: User-centered interface design, Prototyping

Testing: JUnit, Espresso, Unit testing

Analytics: Firebase Analytics, Google Analytics, Datadog

Security: Secure development practices, OAuth authentication

Design Tools: Figma, Sketch, Draw.io

Quality Control: SonarQube, Lint tools

TECHNICAL SKILLS

Programming Languages: Java, Kotlin, Python, TypeScript, JavaScript

Android Development: Android SDK, Jetpack Compose, Retrofit, Room, MVVM, MVP, Material Design

Backend: Flask, Express.js, Node.js, RESTful APIs, GraphQL

AI & LLM: LangChain, Ollama, RAG, ETL, RPA, Web Scraping, Prompt Engineering

Databases: SQL, PostgreSQL, MySQL, MongoDB, SQLite

Cloud: AWS, GCloud, Microservice architectures, Serverless

DevOps: Docker, Kubernetes, CI/CD, GitHub Actions

Version Control: Git, GitHub

Testing: JUnit, Espresso, TestNG, Unit testing

Tools: Gradle, Android Studio, VS Code, Postman