

Felipe A. Torres Haro

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Software developer at Ripley with experience in backend, frontend, and cloud. Specialist in native mobile application development and efficient server solutions. I have contributed to projects for companies such as Pyggpod, Kyocera, and TVV using technologies like Java, Kotlin, Python, and TypeScript. Committed to agile methodologies, I constantly seek to optimize processes and improve the user experience. My technical adaptability and results-oriented approach allow me to add value in dynamic development environments.

PROFESSIONAL EXPERIENCE

Ripley

Software Engineer

Chile

2024–Present

- Development and maintenance of Android mobile applications for Ripley's e-commerce platform.
- Native development of POS (Point of Sale) applications.
- Implementation of new functionalities and improvements in the self-service application user experience.
- Collaboration with UX/UI design and backend teams for service integration.
- Performance optimization and problem-solving in existing applications.
- Participation in the complete development cycle, from planning to delivery.
- **Technologies:** Java, Kotlin, Android SDK, RESTful APIs, Material Design, Git, Clean Architecture

Hazlo Agil

Software Engineer Fullstack

Chile

2022– 2024

- *Development and maintenance of backend solutions for companies such as 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 to facilitate integration with external systems.*
- **Technologies:** Python, TypeScript, AWS, Docker, Kubernetes, GCloud, GitHub Actions.

Waste Management Company

Software Engineer Freelance

Chile

2022– 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.

- 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

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

Chillan, Chile

2015- 2020

Coursera

Data scientist

Skills: Jupiter Notebook, Python, Docker, Data analysis, Interactive graphics

Online

2022

Google Cloud Skills Boost

Machine Learning Engineer

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

Online

2022 - 2023

UNIVERSIDAD DEL Bío Bío

Entrepreneurship and Leadership

Skills: Social skills, Leadership, Soft skills

Chillan, Chile

2019 - 2020

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:** Implementation of Firebase Analytics, Google Analytics, Datadog
- **Security:** Secure development practices, OAuth authentication
- **Design Tools:** Figma, Sketch, Drawio
- **Quality Control:** SonarQube, Lint tools

TECHNICAL SKILLS

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

- **Android Development:** Android SDK, Jetpack, Retrofit, Room, MVVM, MVP, Material Design
- **Backend:** Flask, Express.js, Node.js, RESTful APIs, GraphQL
- **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