Ariadna Villagra

Software Developer

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Argentina · Open to Remote

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Professional Summary

Software Developer with 3+ years of experience building and maintaining production applications across web and mobile platforms. Strong background in object-oriented programming, clean architecture, and scalable system design. Experienced in designing complex business workflows, integrating APIs, optimizing performance, and collaborating closely with cross-functional teams to deliver maintainable and reliable software solutions.

Core Competencies

- Object-Oriented Programming (OOP)
- Clean Architecture & Separation of Concerns
- Application State Management
- Scalable and Maintainable Code Design
- API Integration and Contract Validation
- Performance Optimization and Debugging
- Data Handling and Complex Business Logic
- Cross-Platform Application Development
- Version Control and Collaborative Development

Professional Experience

Banana Software S.A.S.

Software Developer

December 2022 – December 2025

- Development and maintenance of production web and mobile applications supporting complex administrative and commercial workflows.
- Design and implementation of modular, scalable components following object-oriented principles and clean architecture practices.
- Analysis, refactoring, and optimization of application layers to improve performance, reduce unnecessary processing, and enhance maintainability.
- Integration with backend services through API consumption, including validation of data contracts and handling of edge cases.
- Debugging and troubleshooting across multiple environments using API testing and browser debugging tools.
- Close collaboration with backend developers to identify inconsistencies, reproduce issues, validate fixes, and refine system interfaces.
- Participation in architectural discussions aimed at improving long-term system stability and developer experience.
- Involvement in technical interviews and recruitment processes, providing support in candidate evaluation.
- Preparation and delivery of technical and product demos to present system functionality and project progress to stakeholders.

Selected Projects

Commercial Sales Platforms (Web & Tablet)
- Development of applications supporting product catalogs, advanced filtering, search, pagination, and complex business rules.
- Focus on usability, performance, and robustness in high-data-volume scenarios.

Mobile Applications – Augmented Reality Commerce

- Development of cross-platform mobile applications enabling real-world visualization of products using augmented reality.
- End-to-end responsibility from development to production release and store deployment.

Internal Management Platform (Full-Stack)
- Design and implementation of an internal system for managing vacations, payroll documents, and medical certifications.
- Integration with external services for scheduling, notifications, and role-based access control.

Corporate Website
- Development of a responsive corporate website with emphasis on clarity, usability, and performance.

Education

Technical Degree in Programming – Teclab

- Training in programming fundamentals, algorithms, data structures, and software development concepts.
- Practical application of academic knowledge in real production environments.

Certifications & Training

- **Flutter Development Certification**
 Training focused on application structure, UI composition, state management, and cross-platform best practices.
- **Artificial Intelligence Course – Teclab**
 Introduction to AI concepts, data-driven decision making, and practical applications in software systems.