

Allan Quiroz Silva

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Software Engineer with experience in developing scalable applications and distributed systems. End-to-end participation and collaboration with multidisciplinary teams to deliver robust, user-centric solutions with an impact on operational efficiency and business.

WORK EXPERIENCE

Armada de Chile – Clinical-Financial **Software Engineer:** 01/2024 – Present

- Designed and implemented the migration of a legacy system (classic ASP) to a microservices architecture, designing and implementing the new platform end-to-end.
- Developed a clinical-financial management platform, improving system scalability and maintainability.
- Collaborated with multidisciplinary teams in requirements gathering, aligning technical solutions with business needs.

Mobile Flutter Developer – Technology **Freelance:** 01/2024 – Present

- Developed mobile scheduling applications, focused on managing time slots and user organization.
- Implemented Clean Architecture using Flutter and Dart.
- Managed state and local data persistence, prioritizing performance and user experience.

Alloxentric – Technology **Fullstack Developer** (Professional Internship): 08/2022-12/2022

- Participated in the development of a voice analysis system, gathering requirements and collaborating with different business areas.
 - Designed and implemented web interfaces and backend services for processing and visualization.
 - Implemented voice analysis functionalities using Deep Learning models with PyTorch and audio processing on datasets such as Common Voice.
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EDUCATION AND CERTIFICATIONS

- **AZ-900 Certification** Microsoft Azure Fundamentals
- **Informatics Engineer - 2019 to 2022** Duoc UC Professional Institute, Chile

SKILLS

- **Languages and Frameworks:** PHP, .NET, TypeScript, Python, React, Angular, Flutter, Django, Node.js, Java, Spring Boot, Next, Nest.
- **Databases:** Oracle, IBM Db2, PostgreSQL, MySQL, MariaDB, MongoDB, SQL Server.
- **Architecture and Backend:** Microservices, REST APIs, Distributed Systems, SOLID, Clean Code.