

Alejandro Gajadhar Ledo

Full Stack Developer | Barcelona, Spain · ✉ alejandro.97.gl@gmail.com

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Portfolio: <https://alejandrogajadhar.github.io/portfolio>

Professional Profile

Full Stack Developer with experience in mobile, web, and desktop applications, as well as technical support and security systems. Strong analytical skills, problem-solving ability, and teamwork orientation. Committed to continuous learning and software quality.

Professional Experience

Qontinuum-Plus S.L. — Full Stack Developer

June 2022 - April 2025 | Barcelona

Comprehensive development of enterprise physical access control and user management solutions, combining web, mobile, and desktop applications. Working in hybrid and distributed environments, integrating multiple hardware and software technologies.

Key achievements and responsibilities:

- Developed native Android applications in Java for access and presence control, including NFC reading of Mifare Classic/Desfire cards, QR scanning, and live facial recognition.
- Implemented real-time communication via sockets, SignalR, and MQTT between mobile devices and .NET servers, using encryption (AES, CRC32/16) and session token management.
- Developed secure REST APIs in .NET with OAuth, managing SQL Server databases and designing complex queries for CRUD operations.
- Built a Node.js SSR server for real-time communication with an Angular web app (user management, sessions, live notifications).
- Developed Angular frontend (RxJS, Angular Material, ag-grid, i18n, Bootstrap, Sass) and maintained web applications in .NET and PHP.
- Developed hybrid mobile applications with Ionic (Capacitor/Cordova), integrating geolocation, file upload/download, and socket communication.
- Automated IIS deployments using .bat scripts, domain configuration, and SSL certificates on Windows Server.
- Used security tools (SQLi, Burp Suite) for audits and protection against XSS and other vulnerabilities.
- Read and understood C and C++ code for integration with proprietary drivers, without direct development in these languages.

BARNA PORTERS — Security Assistant

Dec 2018 – Aug 2023 | Barcelona

- Supervision of security at sporting events and traffic control.

MóvilClinic — IT Technician

Jan 2020 – Aug 2020 | Barcelona

- Repair of mobile devices and computers, operating system installation, and data recovery.

IMAN CORP — Security Assistant

Aug 2018 – Jan 2019 | Barcelona

- Access control, incident resolution, and mail management.

Konecta — Call Center Operator

Jul 2018 – Aug 2018 | Barcelona

- Customer service and incident resolution.
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Education

- Master's in Cybersecurity – UOC, 2025–2026
 - CFGS Multi-Platform Application Development (DAM) – Centro de Estudios Politécnicos, 2020–2022
 - CFGM Microcomputer Systems and Networks (SMX) – Salesians de Sarrià - IOC, 2014–2017
 - Security Guard Course – Sinergia Team & Training, 2017
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Technical Skills

- **Languages:** Java (Maven, Android Studio), JavaScript, Angular/TypeScript, C# .NET, PHP, Python
 - **Databases:** SQL Server, MySQL, MongoDB
 - **Other:** Ionic, IIS, Windows, Linux, Batch
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Languages

- Spanish (native)
 - Catalan (native)
 - English (advanced)
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Professional Interests

- Network and server architectures
- Full stack development
- Cybersecurity and artificial intelligence
- OSCP certification preparation