

REMIGIO GONZALO AGUIRRE SÁNCHEZ

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Software Engineering student (UDLA) with hands-on experience building cross-platform software (Android/Kotlin, .NET, Flutter/Dart, Java, Python, C/C++) and end-to-end personal projects — from architecture and backend logic to mobile and desktop interfaces. Certified in cloud fundamentals (AWS), Linux (Red Hat), and IT support (Cisco). Fast learner with structured problem-solving skills and strong collaboration in multidisciplinary teams. Seeking a software development internship to keep growing professionally.

EDUCATION

Universidad De Las Américas (UDLA) Software Engineering Student, School of Engineering and Applied Sciences — Quito, Ecuador	2024 - Present
Unidad Educativa Fiscomisional "Técnico Salesiano Don Bosco" Technical High School Diploma in Consumer Electronics — Quito, Ecuador	2019 - 2024
Graduated with academic excellence (9.17/10).	
Universidad Hemisferios Latin American Leadership School LGMV: Leadership Competencies — Quito, Ecuador	2024

PROFESSIONAL EXPERIENCE

Telecommunications Regulation and Control Agency (ARCOTEL) Intern, Radio Spectrum Control Technical Directorate — Quito, Ecuador	Jun. - Jul. 2023
- Analyzed and optimized technical control processes, ensuring regulatory compliance of telecommunications infrastructure at the national level. - Collaborated in multidisciplinary teams, demonstrating fast learning ability in complex workflows and structured problem-solving.	
Área Comercial Papelería y Bazar IT Support and Customer Service — Quito, Ecuador	2022 - Present
- Diagnosed and resolved hardware and software issues to ensure the business's operational continuity. - Implemented improvements to sales and payment flows, optimizing user experience (UX) and service efficiency.	

SOFTWARE DEVELOPMENT PROJECTS

EncenderPCAgent / EncenderPCCompanion — .NET 8 Service + Android App - Built a Windows service in .NET 8 (distributed as a standalone .exe) and its companion Android app, integrated via Firebase (Auth, Firestore, FCM) for remote PC monitoring and wake-up. - Designed a Windows Forms GUI to replace the console-based setup wizard, improving the experience for non-technical users.	2026
VeloGrid — Urban Cycling Mobility Management System Project Lead & Developer · github.com/TigioAguirre/ProyectoFinalProgralIII-VeloGrid - Led requirements gathering, the formal proposal, and the architecture of a Java system that models urban cycling routes as a directed weighted graph, with Dijkstra-based routing. - Applied software engineering methodologies to design a scalable solution, from backend logic to product design.	2026
Diners Club Business Competition — UDLA (Enfócate 4th Edition) Finalist, Team CELEST Co-developed the "Modo Sencillo" project, combining technological innovation with business models evaluated by Diners Club executives.	2026
NFC Locks — Remote Showcase Control System Project Lead & Developer - Designed and assembled an automated security hardware system using Arduino, Wi-Fi modules, and RFID/NFC sensors. - Built a mobile app with a real-time database for remote monitoring, permission management, and electromagnetic lock control.	2024
SavingsApp — Personal Finance App Built a mobile app with Kodular for tracking and managing personal finances.	2024

TECHNICAL SKILLS

Languages & frameworks: Java, C, Python, C++, Kotlin (Android), Dart (Flutter), Ladder Logic (PLC)

Tools & platforms: Git/GitHub, Android Studio, Visual Studio, Firebase (Auth, Firestore, FCM), Arduino, Windows / Linux / macOS

Infrastructure & networking: Cloud fundamentals (AWS), Linux fundamentals, structured cabling, smart-home system integration (Google Assistant, Alexa)

Methodologies: Software engineering, analytical problem-solving, user-centered design (UX)

Languages: English B2.2 (upper-intermediate) · French A1.1 (basic)

CERTIFICATIONS

- AWS Academy Graduate — Cloud Foundations (2026)
- Cisco Certified Support Technician (CCST) — IT Support (2026)
- Red Hat Training — Getting Started with Linux Fundamentals, RH104 (2026)
- Cisco Networking Academy / Python Institute — Python Essentials 2 (2025)
- Fundación Carlos Slim — Certified Structured Cabling Technician (2023)

AWARDS & RECOGNITION

- Top 50 best programmers under 18 nationwide, National Intercollegiate Programming Competition (2024).
- Co-author of the article "RADI, una solución mediante la prevención," Revista Juventud y Ciencia Solidaria (endorsed by the UNESCO Chair).
- 2nd place, Escuela Politécnica Nacional (EPN) Intercollegiate Science Fair, RADI project.