CESAR ARMANDO RODRÍGUEZ GUZMÁN

Computer Systems Engineer

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Professional Profile

Passionate about software and web development, with 2 years of experience in mobile applications and cloud computing. Specialized in front-end development, working closely with back-end, UI/UX design, and SQL/NoSQL databases. I design efficient, secure, and scalable architectures. By applying agile methodologies, I prioritize quality, innovation, and continuous improvement. A self-taught and constantly evolving professional, I strive to build creative solutions that drive technological progress.

Technical Skills

- **Programming Languages:** Dart, PHP, Python

- **Frameworks:** Flutter, Laravel

- **Cloud Platforms:** AWS, Google Cloud

- **Web Development:** Bootstrap, Vue 3, Tailwind, React

- **Tools & Version Control:** Git, Jira, Bitbucket

- **Languages:** Spanish (native) | English (A2)

Soft Skills

- Effective Communication

- Teamwork

- Problem Solving

Professional Experience

Universidad de Cundinamarca

Role: Technical Support
Period: February 2025 – Present

- Provided hardware and software support, incident management, and infrastructure improvements.

VIH No Estamos Solos (Madrid, Spain)

Role: Full Stack Developer
Period: June 2023 – December 2023

- Developed Android apps, integrated APIs, worked with Vue 3 (frontend) and Laravel (backend).

CERUS (Regional and Urban Sustainability Studies Center)

Role: Systems Technician
Period: August 2022 – October 2024

- Maintained systems, managed servers and databases, and supported web development.

Academic Projects

Librarían Meeting – Mobile Digital Library

Technologies: Android Studio, Java, Firebase
Period: 2020 – 2022

- Mobile app for managing, browsing, and accessing digital books.

Petgir – Pet Adoption Platform

Technologies: Android Studio, Java, Firebase
Period: 2022 – 2023

- Mobile system that streamlines the pet adoption process, connecting users with shelters efficiently.

Pibam – Intelligent Firefighter and Municipal Alert Platform

Technologies: Flutter, Pocketbase, AWS
Period: 2024 – 2025

- Mobile app for real-time alert management and coordination of municipal emergency services.

Education
Tolima Institute of Technical and Professional Education (ITFIP)
Degree: Systems Engineering – Completed   **Period: 2020 - 2025**

Certifications

- NDG Linux Essentials   **Period:** (2024)
- NDG Linux Unhatched **Period:** (2024)