Isaac Abraham De Ramon Perez

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Computer Engineer with a focus on web development, data analysis, embedded systems, and Linux server administration. I have designed point-of-sale (POS) systems and full-stack applications. A self-starter, curious, and results-oriented professional, I always seek to apply new knowledge to real-world projects. I am currently developing solutions that merge software and infrastructure, and I am eager to join a team where I can continue to grow professionally and contribute to building useful, well-crafted technology.

PROFESSIONAL EXPERIENCE

Alpha Consultoría de Servicios (ALCONSE)   **Tlalpan, Mexico City**
Software Development & Support Consultant   *February 2025– Present*

Participated in international projects through technology service outsourcing, collaborating with global firms in the financial and biotechnology sectors.

- Perform L2 support functions for an international financial client, diagnosing data integrity incidents, monitoring, and optimizing operational processes (jobs and procedures).
- Collaborate daily with international teams, strengthening my technical English communication and resilience in high-pressure environments.
- Participate in the design and implementation of Full-stack solutions (Spring Boot + Angular) for a corporate system in the healthcare sector (via ITJ).
- Integrated automation components with LLMs and MCP, SSO authentication with Kerberos, and access to internal datastoring, Archive, Datalake, and Snowflake data systems.
- Data analysis using snowflake (python and sql)
- Proficient in Scrum methodologies and tools such as Jira, Confluence, and Teams. Adapted to internal proprietary programming languages (slang).

PERSONAL PROJECTS
Fullstack developer

"El Zorro" Unified Platform *https://github.com/FMM28/proyectoTemas*

Developed a full-stack application in Spring Boot with a stateful, loosely coupled architecture. Implemented modules with JPA, Spring Security, Hibernate, and custom validations.

PayDibujos–Digital Art & Comic Platform https://github.com/IsaacDrp/PayDibujos/tree/dec-develop | sit.paydibujos.com

*(Self-Hosted / Synectura) Architected and deployed a high-performance content management platform using **Angular 19+ (SSR)** and **Spring Boot 3.4**. Designed a modular monolith backend with **PostgreSQL** (JSONB/Arrays) and a Hexagonal Architecture for infrastructure-agnostic storage. Implemented a secure **JWT** authentication system, automated image optimization (**WebP** conversion), and orchestrated the entire stack via **Docker Compose** on a custom solar-powered Linux server managed with **Portainer** and **Nginx**.*

Node.js E-commerce Shopping Cart *https://github.com/IsaacDrp/web2*

Designed a complete web application using Node.js, Express, Pug for front-end rendering, and Sequelize as the ORM for database management. Includes dynamic DOM manipulation, custom events, and product selection logic.

PHP & MySQL Websites *https://github.com/IsaacDrp/ProyectoDePW*

Developed multiple static and dynamic websites for local businesses and academic projects. Implemented forms, validations, and MySQL database connections from PHP.

EDUCATION

UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO (UNAM) Nezahualcóyotl, State
B.S. in Computer Engineering of México
Expected Graduation: December 2025 Nezahualcóyotl, State of Mexico

TECHNICAL ABILITIES

- **Backend:** Spring Boot, Node.js, Express, PHP, JPA, Hibernate
- **Frontend:** Angular, Pug (HTML), JavaScript
- **Databases:** Spark, Hadoop, MySQL, Snowflake, SECDB, Sequelize
- **DevOps & Infrastructure:** Linux (Ubuntu Server, Arch, Alpine), Docker, Portainer, Git, GitHub, GitLab, CI/CD, Web Server & Proxy Administration, SSH.
- **Data Analysis:** Hadoop, PySpark, Snowflake, Power BI, Snowflake
- **Networking & Security:** OpenVPN, WireGuard, Shadowsocks, Firewall Administration, OWASP Top 10.
- **Methodologies & Practices:** Scrum, DevOps, ITIL, Clean Code.