

# Sharon Leonardo Najera Ramírez

## Computer Systems Engineer

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### PROFESSIONAL PROFILE

Computer Systems Engineering student (ESCOM-IPN) with solid technical skills in FullStack development and a keen interest in hardware and software integration. Experience leading teams using agile methodologies (SCRUM) and solving complex software architecture problems. Proficient in the Linux ecosystem with a focus on continuous improvement. Seeking an opportunity to add value through clean code and efficient solutions.

### EDUCATION

**Escuela Superior de Cómputo (ESCOM) – IPN** 2022 – Present  
B.S. in Computer Systems Engineering (Final Year)  
✓ Focus on Software Architecture, Databases, and Operating Systems.

### FEATURED PROJECTS

**Cocone: Electronic Case Management System (Thesis Project)** 2025 – Present  
*Angular 17, Django, PostgreSQL, REST API*  
Technical Lead for a secure platform designed to digitalize and manage sensitive social impact legal cases.

- **Security & Access Control:** Implemented a robust Role-Based Access Control (RBAC) system to ensure sensitive data is only accessible by authorized personnel.
- **Frontend Architecture:** Developed a modular and scalable interface using **Angular 17**, implementing reactive forms and efficient state management for complex data entry.
- **Data Integrity:** Designed the relational database schema in PostgreSQL, ensuring data normalization and consistency across orphanhood and legal tracking records.

**Distributed Financial Management System** 2026  
*Java, Angular 17, Google Cloud Platform (GCP), REST APIs*  
End-to-end development of a scalable financial application deployed in a cloud environment.

- **Cloud Infrastructure:** Deployed and managed the application on **Google Cloud**, utilizing cloud services for hosting and backend communication.
- **Backend Development:** Built a robust backend using **Java** to handle distributed transaction logic and secure API endpoints.
- **FullStack Integration:** Connected a modern Angular frontend with high-performance Java services, optimizing user experience for real-time financial monitoring.

### TECHNICAL SKILLS

- **Languages:** Java, C, JavaScript (ES6+), Python, TypeScript, SQL, LaTeX.
- **Web Development:** Angular 17+, HTML5, SCSS, Django (Rest Framework).
- **Databases:** PostgreSQL, MySQL (Relational design and normalization).
- **DevOps & Tools:** Git/GitHub/GitLab, Docker, Linux (Debian/Pop!\_OS), VS Code.

- **Methodologies:** SCRUM, Kanban, MVC Architecture, and N-Tier Architecture.

## **LANGUAGES**

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**English:** Intermediate (B2) – Strong technical reading comprehension; effective written communication.