

# ROLANDO AGUILAR ORDAZ

## Software Engineer



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Ciudad de México

## SUMMARY

Software Engineer with hands-on experience in designing and building efficient web and mobile applications, both independently and as part of collaborative teams. Interned at LABSOL Network, developing real-world software solutions for cultural institutions. Proficient in Django, Flutter, SQL, and UI/UX practices. Strong background in agile methodologies, user-centered design, and system quality assurance. C1 English certified and eager to contribute to technology-driven environments.

## EDUCATION

### Universidad Autónoma de Zacatecas "Francisco García Salinas" | Zacatecas, México

Bachelor of Science in Software Engineering

GPA: 89/100 (equivalent to 3.65/4.0 or A)

December 2023

**Relevant Coursework:** Agile Software Methodologies, Software Requirements, UI/UX Design, Project Management, SQL Databases, Business Intelligence, Quality Assurance, Web Programming, Software Architectures, PSP/TSP

## EXPERIENCE

### LABSOL Network – COZCyT | Zacatecas, México

09/2022 – 05/2023

#### Junior Software Engineer

- Developed a web system for the Zacatecas Cultural Institute (IZC) to centralize and modernize access to cultural data, including local artists, sites, and traditions.
- Solved a real problem related to poor access to cultural information by building a sustainable digital infrastructure.

**Tech Stack:** Django, MariaDB, Docker, Bootstrap, Google Maps API, JavaScript, HTML/CSS

#### Software Projects

##### Devii – Journaling App for Individuals with Eating Disorders

- Built an Android mobile app using Flutter and Firebase.
- Encourages healthy habits and emotional self-monitoring through journaling and pet interaction.
- Supported by a psychologist; implemented following ISO 29110 software engineering standards.

**Tech Stack:** Dart, Flutter, Firebase, Material Design

##### SATCA UAZ – CRUD Web System for Academic Programs

- Created a management system for university departments to maintain academic offerings and course credits.
- Visualizes academic data by career and supports curriculum tracking.

**Tech Stack:** Django, Docker, Bootstrap, JavaScript, HTML/CSS

## COURSES

- Enterprise Design Thinking – IBM
- The Algorithmic Toolbox – Coursera
- Microsoft Productivity Tools Accreditation
- Figma Crash Course
- Figma 101
- Google UX Design Professional Certificate

## TECHNOLOGIES

- Programming Languages:** Python (proficient), Dart, JavaScript (familiar), Java, C, C++
- Frameworks & Tools:** Django, Flutter, Docker, Bootstrap, Git, GitHub
- Technologies:** SQL, Firebase, Microsoft 365, Power BI, R, RStudio, Linux
- Other Skills:** UI/UX design, Agile (Scrum), ISO 29110, Database Management, Design Thinking, User Research, Documentation

## LANGUAGES

**Spanish:** Native

**English:** Advanced (C1)