

# Uzziel Valdéz Ordoñez

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## PROJECTS

### Pharmacy Inventory WebApp | PHP, JavaScript, HTML, CSS | 2025

Built a web application to manage pharmacy inventory, sales, and customer data. Implemented CRUD operations, user authentication, and a clean modular structure using the MVC pattern.

### C# Analysis Tool | Java, Swing, Flex | 2024

Developed a code analysis tool in Java to process C#-like source code. Implemented lexical, syntactic, and semantic analysis using JFlex and custom parser. Designed a Swing-based GUI with syntax highlighting, error detection, and PDF documentation generation.

### Personal Portfolio Website | Next.js, React, TypeScript, Tailwind CSS, Markdown | 2025:

Designed and developed a responsive personal portfolio using Next.js and TypeScript. Built key sections like Hero, About, Skills, Projects, Blog, and Contact.

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## EXPERIENCE

### Freelance Software Developer | Remote | Feb 2025 — Present

- Developed a pharmacy inventory system using PHP, MySQL, and MVC.
- Created a digital library platform with Python, Django, SQLite, and responsive UI.

## EDUCATION

### Bachelor's in Software Engineering | Universidad Autónoma del Estado de México | 2023 – 2027 (Expected)

Relevant Courses: Data Structures and Algorithms, Software Architecture, Operating Systems, Databases, Web Development (Java), Object-Oriented Programming.

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## COURSES

- CS50x: Introduction to Computer Science – HarvardX
  - CS50sql: Introduction to Databases – HarvardX
  - CS50w: Web Development with JavaScript and Python – HarvardX
  - CS50m: Mobile App Development with React Native – HarvardX
  - Responsive Web Design – freeCodeCamp
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## EXTRA-CURRICULAR ACTIVITIES

### Math Tutor | 2024 — 2025

Tutored high school students in algebra, calculus, and geometry.

### Founder of VIOGI

Digital venture for second-hand clothing sales. Led system development, brand strategy, and customer service.

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## SKILLS

**Languages:** Java, C, Python, SQL, JavaScript, HTML, CSS

**Other:** Tailwind, Django, Flask, React, Next.js, Node.js

**Developer Tools:** Git, GitHub, VSCode, Cursor

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## LANGUAGES

**Spanish:** Native

**English:** Highly proficient