

Edson Ruiz | Computer Engineer / Developer

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Professional Profile

Computer Engineer in training with a solid focus on algorithms, programming logic, and software development. I possess practical experience in the full web development cycle (Full Stack), from interface design to SQL database management. I stand out for my self-taught learning capability and problem-solving skills. I am seeking a professional opportunity to apply my skills in **Backend, Frontend, or Artificial Intelligence** and contribute to the success of technological projects.

Education

Centro Universitario de Ciencias Exactas e Ingenierías (CUCEI)

Jalisco, Mexico

B.S. in Computer Engineering

2022 – Present

Specialization: Software and Systems Development.

- Academic training focused on data structures, software engineering, and relational databases.

Experience

Empresa Tech Solutions

Guadalajara, Jal.

Junior Backend Developer (Internship)

Jan 2024 – Present

- Development and maintenance of web applications, focusing on server-side logic (Backend) and visual integration (CSS).
- Configuration and administration of development environments via terminal, ensuring correct application execution.
- Design, creation, and normalization of relational databases using **SQL**, optimizing data integrity.

Featured Projects

Final Academic Project

University Marketplace

2025

Comprehensive web platform designed for secure commerce between university students.

- **Tech Stack:** PHP, XAMPP (Apache/MariaDB), SQL, HTML5, CSS3, JavaScript.
- **Development:** Implementation of user system, dynamic product catalog, and database management for transactions.

Modular Project

Educational Video Game: Cyberbullying

2025

Interactive visual novel (Video Game) designed to raise awareness about cyberbullying through branching narrative.

- **Tech Stack:** Python, Ren'Py, CSS, AI Integration, SQL Queries.
- **Functionality:** The system evaluates player decisions using logical premises and stores progress and statistics in a database.

Technical Skills

Languages: Python, C++, Java, C#, JavaScript, PHP.

Web & Databases: HTML5, CSS3, MySQL, PostgreSQL, XAMPP.

Tools & Others: Git/GitHub, VS Code, Terminal Management, AI Integration, Microsoft Office.

Languages

Spanish: Native

Mother tongue

English: B1 – Intermediate

Technical reading capability and basic communication