

# Gilberto Davalos Nava

Web Developer

davalosng@gmail.com | +52 5545641120 | Ixtlahuaca, Edo. Mexico

[LINKEDIN](#) | [GITHUB](#) | [PORTFOLIO](#)

## EDUCATION

### UNIDAD EDUCATIVA ERNESTO PERALTA

MECHATRONIC DEGREE

Percentage: 80%

July 2017 - July 2020  
Jocotitlan, Edo. Mex., Mexico

### TECNOLOGICO DE ESTUDIOS SUPERIORES DE JOCOTITLAN

COMPUTACIONAL SISTEMS BACHELORS

Percentage: 90%

Sep 2020 - Feb 2025  
Jocotitlan, Edo. Mex., Mexico

## EXPERIENCE

### IUSA | PROJECT ASSISTANT

Jocotitlan, Edo. Mex., Mexico | Sep 2020 – Jan 2023

Coordination and management of projects focused on the development and improvement of molding and die-cutting tools.

Supervision of the life cycle of projects related to components of final products, guaranteeing compliance with deadlines, quality and technical specifications.

Collaboration with multidisciplinary teams to optimize tool design and manufacturing processes.

Preparation of progress reports and technical documentation for efficient project management.

### IUSA | INTERN SOFTWARE DEVELOPER

Jocotitlan, Edo. Mex., Mexico | Jan 2023 – Jan 2025

I designed, developed and maintained a CRUD system for data management in a manufacturing workshop, optimizing internal processes.

I implemented the first version of the system using HTML, JavaScript (vanilla) and a PHP backend under the MVC pattern.

I modernized the platform in the second version, incorporating React for the frontend and Express for the backend, with PostgreSQL as the database.

I participated in the deployment to production, maintenance and testing of the system.

### OBLEKCOMP DIGICAST | FULLSTACK DEV & TECH LEAD 2024

Chapultepec, CDMX, Mexico | July 2023 – July 2024

I led a team of three developers, supervising the development and delivery of web applications and artificial intelligence software for the automation of monitoring and analysis processes.

Designed and implemented computer vision solutions and AI models, including speech-to-text (S2T) and Large Language Models (LLMs), integrating them with functional web applications.

Developed interconnected web applications with AI modules, using React for the frontend, FastAPI for the backend and MySQL as the database.

## SKILLS

### PROGRAMMING LANGUAGES

JavaScript, Python, TypeScript

### LIBRARIES/Frameworks

React, Express, React Native, YOLO, Astro, FastAPI

### TOOLS / PLATFORMS

Roboflow, Colab, Supabase, Paperspace, AWS EC2, Git, VS Code

### DATABASES

Postgres, Mongo DB, MySQL

## CERTIFICATIONS

- FullStack Open - **FULLSTACK OPEN, UNIVERSITY OF HELSINKY**
- Oracle Next Education - **ALURA LATAM**
- Responsive Web Design - **FREECODECAMP**
- NDG Linux Esc - **CISCO NETWORK ACADEMY**