

Roberto Salas Hernández

Software Engineer

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🔗 <https://beto.page/>

Profile

Full Stack Engineer with over ten years of experience in building scalable web applications. Skilled at optimizing workflows, automating processes, and delivering high-quality solutions across various industries. Known for a hands-on approach to problem-solving and a passion for learning new things. Enjoys collaborating with teams to bring fresh ideas and technical expertise to each project.

Professional Experience

- | | |
|--------------------------------------|---|
| 10/2024 – present
California, USA | AI/ML Model Evaluator (RLHF), Outlier 🔗 <ul style="list-style-type: none">Evaluated over 1,500 tasks across various machine learning and artificial intelligence projects, focusing on Reinforcement Learning from Human Feedback (RLHF).Conducted in-depth code quality assessments, ensuring adherence to best practices and optimization standards.Developed and implemented unit tests to verify model accuracy and robustness across multiple scenarios.Provided actionable feedback to improve model performance and reliability, collaborating with cross-functional teams to drive quality. |
| 01/2021
CDMX, México | Full Stack Developer, Distritomkt 🔗 <ul style="list-style-type: none">Developed over 15 headless applications using various tech stacks for companies such as Nike, Kimberly Clark, Unilever, Envu, and others.Transitioned the agency's administrative functions from Monday.com to a fully customized CRM application that I developed from scratch, managing over 1300 projects within the platform.Created a tailored training platform for more than 50 retail stores nationwide. |
| 05/2019
California, USA | Full Stack Developer, Autoproyecto 🔗 <ul style="list-style-type: none">Migrated the leading Spanish-speaking automotive site in the U.S. from a shared server to a comprehensive AWS solution, handling over 5 million visits per month.Achieved a perfect score of 100 on Lighthouse for the frontend, ensuring the site is one of the fastest in the industry.Fully developed an administrative file management system on AWS S3, significantly reducing licensing costs compared to Dropbox.Integrated over 30 services from various platforms, including major advertisers like Toyota and NBC.Maintained a 99% uptime for the site. |
| 2018 – 2019
Puebla, México | Head of Information Technology, Universidad Tecnológica de Huejotzingo 🔗 <ul style="list-style-type: none">Directed and resolved communication and computer equipment issues.Initiated the rewriting of the main university system, adopting modern technologies, improving system reliability. |

Education

- 2020 – 2022 **Master's Degree in Informatic Security**, *Universidad Internacional de La Rioja*
PL. 13012554
- 2020 – 2021 **Master's Degree in Data Science**, *Universidad Tecnológica en Línea*
PL. 12812495
- 2009 – 2014 **Bachelor's Degree in Computing Science Engineer**,
Benemérita Universidad Autónoma de Puebla
PL. 11839022

Projects

CRM Distrito MKT [↗](#)

A comprehensive CRM system developed for Distrito MKT, enhancing project management, quotation handling, and administrative processes.

Technologies used: MongoDB, Flask, Redis, Ubuntu Server, among others.

Autoproyecto [↗](#)

The largest Spanish-language site in the United States, where I had the opportunity to make it the most optimized and fastest site among the competition.

Technologies used: Wordpress, Javascript, AWS S3.

INTRUO [↗](#)

INTRUO is an open source tool that allows to discover and report almost instantaneously public information and vulnerabilities of online websites. This will help pentester, consultants and IT professionals to audit and obtain a quality report and findings that will help secure and save time on their applications running on the Internet in a public way.

This project was part of my study to graduate as a Master of Informatic Security. Code on Github [↗](#).

Technologies used: Python, BS4, Vue, Axios, SQLite.

Las llaves escondidas [↗](#)

This project was made for Colgate and Farmacias Guadalajara in a contest to register purchases and have the chance to win multiple prizes and a car. *Currently the project is finished.*

Technologies used: HTML, Javascript, AWS S3, Redis.

Skills

Languages

- Python
- Javascript
- PHP
- Bash
- Golang
- SQL and NoSQL

Backend Frameworks

- Flask
- Fast
- Django
- Express

Interests

- Cybersecurity
- Data Science
- Computer Vision
- API Design

Frontend Frameworks

- HTML/CSS
- Vue.js (2 & 3)
- Nuxt
- Astro
- Electron

Tools

- Git, Github & Gitlab
- Linux
- Docker, Kubernetes
- AWS, GCP

Languages

Spanish

Native

English

C1