

Roberto Salas Hernández

Software Engineer

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🔗 <https://beto.page/>

Profile

Experienced Full Stack Engineer with over ten years of experience in web application development across diverse technologies. Proven track record of automating processes to enhance efficiency and productivity. Successfully executed complex projects, delivering high-quality solutions. Adept at contributing to forward-thinking teams with innovative mindsets and technical expertise.

Professional Experience

- | | |
|-------------------------------|--|
| 01/2021
CDMX, México | Senior Engineer, <i>Distritomkt</i> 🔗 <ul style="list-style-type: none">• Development of projects for companies such as Nike, Kimberly Clark, Unilever, Envu, etc.• Automation of processes, improving project efficiency and client satisfaction.• Development of customized content management platforms. |
| 05/2019
California, USA | Senior Engineer, <i>Autoproyecto</i> 🔗 <ul style="list-style-type: none">• Directed the maintenance and development of the leading Spanish-speaking automotive site in the U.S.• Achieved a perfect score of 100 on Lighthouse for site performance, significantly enhancing user engagement.• Integrated advertising services for major media outlets like CNN en Español, NBC, and Telemundo. |
| 2018 – 2019
Puebla, México | Head of Information Technology, <i>Universidad Tecnológica de Huejotzingo</i> 🔗 <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. |
| 2014 – 2018
Puebla, México | Head of Information Technology, <i>H. Ayuntamiento de Huejotzingo 2014 - 2018</i> 🔗 <ul style="list-style-type: none">• Maintained IT equipment for over 80 employees.• Developed internal applications, automating processes and reducing manual workload by 50%. |

Education

- | | |
|-------------|---|
| 2020 – 2022 | Master's Degree in Informatic Security, <i>Universidad Internacional de La Rioja</i>
PL. 13012554 |
| 2020 – 2021 | Master's Degree in Data Science, <i>Universidad Tecnológica en Línea</i>
PL. 12812495 |
| 2009 – 2014 | Bachelor's Degree in Computing Science Engineer,
<i>Benemérita Universidad Autónoma de Puebla</i>
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
- Express
- Wordpress

Interests

- Cybersecurity
- Data Science
- Computer Vision
- API Design

Frontend Frameworks

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

Tools

- Git, Github & Gitlab
- Linux (Ubuntu)
- Docker
- Cloudflare
- AWS (EC2, S3, Lightsail)
- Digital Ocean

Languages

Spanish

Native

English

TOEFL B1