

SERGIO MANUEL HERNANDEZ CHI

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 9993803709

 97314, Mérida Yucatán

EDUCATION

Universidad Autónoma De Campeche
Campeche, Mexico • 01/2016

Computer Systems Engineering
• Certificación CCNA

CETEC Campeche S.C.
Campeche, Mexico • 01/2008

Technical Degree in Administrative Computing

Preparatoria Lic. Ermilo Sandoval Campos
Campeche, México • 01/2005

High School Diploma

CERTIFICATIONS

- CCNA Switching & Routing: Introducción a redes, 09/01/16

SKILLS

Backend:

- Ruby on Rails
- Java
- PostgreSQL
- MongoDB
- Spring

Front End:

- Hotwire JS
- React JS
- Angular JS

Infrastructure:

- Elasticsearch
- Apache Kafka

Architecture:

- RESTful APIs
- Microservices

PROFESSIONAL SUMMARY

Software Engineer with 7+ years of experience building scalable, maintainable applications using Ruby on Rails, Java, and Apache Kafka. Adept at optimizing software performance, reducing technical debt, and contributing to collaborative agile teams. Passionate about clean architecture, learning new technologies, and delivering high-quality solutions in dynamic environments.

WORK HISTORY

Skydropx - Software Engineer
Remote • 12/2020 - Current

- Refactored core modules in Ruby on Rails, reducing tech debt and increasing maintainability.
- Developed a custom Ruby gem to simplify shipment tracking across multiple logistics partners.
- Enhanced user experience with Hotwire JS, Stimulus, and Tailwind CSS.
- Identified and fixed performance bottlenecks, improving system response times by 40%.

Homie - Software Engineer
Remote • 11/2018 - 12/2020

- Designed and implemented RESTful APIs and scalable microservices in Ruby.
- Enhanced frontend functionality with Vue.js, improving UI responsiveness.
- Improved system observability and search performance using Elasticsearch.
- Increased system reliability by writing unit and integration tests with RSpec.

Aitelecom - Software Engineer
Mérida, Yucatán, Mexico • 04/2017 - 11/2018

- Maintained and optimized satellite vessel tracking software.
- Developed LUA scripts for IDP antennas, improving communication reliability.
- Automated critical processes using Python and crontabs.
- Developed a PHP-based support ticket tracking system.

IDETEK - Support Engineer
01/2015 - 04/2017

- Designed and launched a website, resulting in increased customer engagement.
- Diagnosed and resolved hardware, software, and network issues efficiently.

LANGUAGES

Español

Inglés

PORTFOLIO

<https://github.com/sergiohdezchi>

<https://sergiohernandez.pro/>

LINKEDIN

<https://www.linkedin.com/in/sergio-manuel-hernandez-chi-712629128/>