

# BACKEND DEVELOPER

JOSÉ FERNANDO CASTREJÓN HERNÁNDEZ

## CONTACT

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## FEATURED COURSES AND STUDIES

### ROBOTICS ENGINEERING

2017 - 2021

Instituto Politécnico Nacional

### AWS CERTIFIED DEVELOPER ASSOCIATE

2023

Amazon Web Services

### AWS CERTIFIED CLOUD PRACTITIONER

2023

Amazon Web Services

### MICROSERVICES WITH NODE JS AND REACT

2022

Udemy

## SOFT SKILLS

Autodidact

Analytical

Persistent

Teamwork

Honest

## PROFESSIONAL OBJECTIVE

Highly skilled and motivated Backend Developer with over two years of experience building scalable and performant Rest APIs that adhere to industry best practices. Adept at utilizing Node.js to develop reliable and efficient backend systems, including microservices architecture. Experienced in working with various databases and infrastructure as a service in AWS. Committed to continuous improvement, actively pursuing knowledge and certifications through Udemy and other educational platforms.

## TECHNICAL SKILLS

Node.js (Expresss, NestJs)

Typescript (JavaScript)

GraphQL

Next.js

React (HTML, CSS)

Authentication (JWT)

WebSockets (Socket.io)

Cache (Redis)

Serverless (Serverless framework)

AWS (EC2, S3, Lambda, ECS, ECR, SQS)

Non-relational database (MongoDB, DynamoDB)

Relational database (MySQL, PostgreSQL)

Documentation (Swagger)

Docker and Kubernetes (Microservices)

Linux Servers

Git, Github, Bitbucket (CI/CD Pipelines)

Scrum Methodology

Test (Jest)

## PROFESSIONAL EXPERIENCE

### THEDREAMGIFT.MX | E-COMMERCE

Backend developer | Nov. 2020 - June 2022

- Designed and implemented scalable and reliable RESTful APIs using Node.js and various databases, including microservices architecture.
- Developed maintainable and reusable code for various functions, including customer data registration, image uploading for personalized products, data relationships, customer-order, and product-customization.
- Collaborated with team members to identify and resolve technical issues, ensuring timely delivery of projects.
- Worked closely with front-end developers to integrate APIs with user interfaces and ensure seamless user experience.
- Implemented best practices for security, performance, and scalability in API design and development.

### CPA-VISION | ACCOUNTING TECHNOLOGY

Backend developer | July 2022 - Presente

- Developed bots with web scraping and Puppeteer to extract information from various pages, mostly in the accounting area.
- Utilized Google APIs, such as Google Sheets API, to integrate data and automate processes.
- Implemented Continuous Integration/Continuous Deployment (CI/CD) pipelines on AWS to streamline the development process.
- Worked with pre-existing architecture based on event-driven systems using AWS Simple Queue Service (SQS) to improve scalability and performance.

## HOBBIES

Read

Practice sports

## LANGUAGES

Spanish (native)

English (B1)

## PERSONAL

Date of Birth

20/08/1998