HAROL SEBASTIAN MORENO MEDINA

ASSOCIATE DEGREE IN SOFTWARE ANALYSIS AND DEVELOPMENT (IN TRAINING)

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Portfolio**: https://portafolio-sebastian-moreno.vercel.app/**

Bogotá, Colombia

PROFESSIONAL PROFILE

Associate degree student in Software Analysis and Development (ADSO) at SENA, with practical experience in web application and microservice development. Civil Engineer by profession, with an analytical, structured, and problem-solving-oriented mindset.

I have experience integrating frontend and backend systems, designing REST APIs, and consuming data from external sources.

I am seeking to complete my professional internship by applying best programming practices, collaborative work, and software architecture principles in technological or corporate environments.

EDUCATION

Associate degree in Software Analysis and Development (ADSO)
Servicio Nacional de Aprendizaje – SENA
2024 – Present
Internship phase starts: February 13, 2026
Coursework completion: February 22, 2026

Civil Engineer
Universidad Católica de Colombia
2015 – 2020

ACADEMIC EXPERIENCE AND PROJECTS

Academic project – Sports management web application

- Frontend development with Angular
- Consumption of backend services built in PHP (PDO)
- User management, profiles, and records
- Relational database design in MySQL
- Project available in GitHub

Academic project – Climate Microservice (Java & Spring Boot)

- REST microservice developed with Spring Boot
- Consumption of open climate data from IDEAM (datos.gov.co)
- Business logic for precipitation analysis and temperature processing.
- DTO design and structured API responses.
- Municipality-based filtering.
- Testing and validation with Postman

TECHNICAL SKILLS

Languages and technologies: HTML, CSS, JavaScript, Angular, PHP (PDO), MySQL, Java
Tools: Git, GitHub, Visual Studio Code, XAMPP, phpMyAdmin, Postman, IntelliJ IDEA
Concepts: microservices, REST API, external API consumption, database modeling, CRUD, software best practices

SOFT SKILLS

- Analytical thinking
- Self-learning
- Teamwork
- Responsibility and commitment
- Adaptability

CERTIFICATIONS

English – British Council
English Training Course (2026)

Oracle Next Education (ONE)
Java Backend Developer (2025)

LANGUAGES

<u>English</u>: Basic / Intermediate