

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

PERFIL PROFESIONAL

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

English: Basic / Intermediate