

# PATRICK MOLINA SAAVEDRA

## Software Engineer

✉ saavedracodehub@gmail.com

☎ +593 969889506

🐙 [GitHub](#)

🌐 [LinkedIn](#)

Enthusiastic and self-motivated software development student with hands-on experience gained through academic projects. Eager to join a dynamic team and apply my skills in back-end development and front-end design to real-world projects. In a recent academic project, I developed and optimized a Django-based application that improved performance by 30% and streamlined user interactions, resulting in enhanced usability and functionality.

## Experience

### Authentication System and CRUD in Django - Project

April - 2024

- Completed a comprehensive CRUD application in Django, showcasing strong back-end development skills and secure user authentication.
- Utilized PostgreSQL for production deployment on Render, ensuring a robust infrastructure and efficient database management.
- Implemented a clean, responsive user interface for seamless CRUD operations, enhancing user experience and operational efficiency.
- Optimized database query performance, resulting in a smoother application experience for users.

### Web Developer - Creating Website from Scratch - Project

July - 2024

- Developed a functional web template for the homepage with an integrated user authentication system using interactive forms.
- Implemented a responsive design with Flexbox, optimizing the user experience across mobile and desktop devices.
- Applied CSS best practices, such as box-sizing and Google Fonts integration, enhancing the site's aesthetics and performance.
- Collaborated in integrating custom visual elements (logos and images) to strengthen the project's visual identity.

## Education

### 9 de Octubre High School

Ecuador, Machala

- Bachelor of Science & Technology

2021

### Lemas Higher Technological Institute

Ecuador, Guayaquil

- Software Development Engineering

2024-2026

## Skills

- Java
- Python
- Javascript
- Git
- Spring Boot
- Layout Languages
- SQL & NoSQL
- Django

## Certifications

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- Certified Scrum Professional® (CSP)
- Introduction to web development (Google Digital Academy)
- SQL for Data Science (University of California, Davis)

## Others

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- I am currently enrolled in a Java and Spring Boot bootcamp to further specialize in that development environment.
- I am currently undergoing certification tests in the front-end field as I would like to become a full-stack developer.
- I am open to learning new technologies necessary for the workplace and adapting to the team's needs.