

# Jonathan Salazar

## Junior Software Developer

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Panama, Panama City 

jonathan-salazar.vercel.app 

Junior Software Engineer with experience building Python/Django-based web applications, API integration, functional testing, and collaborative code management using Git/GitHub. I excel at teamwork, prioritizing tasks effectively, and maintaining attention to detail to deliver comprehensive solutions with an optimal user experience. I am proactive, dedicated to continuous learning, and committed to ongoing improvement. My goal is to join a professional environment where I can apply and strengthen my skills, contributing to the success of the team and projects.

## LANGUAGES

- English: C1
- French: A1
- Spanish: Native

## SOFT SKILLS

- Teamwork
- Problem-solving
- Self-directed learning
- Assertive communication
- Adaptability

## ACADEMIC FORMATION

### Bachelor's Degree in Software Engineering (Pending diploma)

Technological University of Panama  
Panama | 2021 - Today

### High School Diploma in Science and Arts

Saint Mary's Academy, Colon  
Panama | 2016 - 2018

## ADDITIONAL FORMATION

### Bootcamp in Artificial Intelligence, Data Science and Python

Samsung Innovation Campus  
August 2022 - January 2023

### Introduction to Docker for continuous application deployment

Technological University of Panama (2024)

### Introduction to Machine Learning Course

Technological University of Panama (2024)

## REFERENCES

### Dr. Huriviades Calderón | Professor

(507) 61223428 /  
huriviades.calderon@utp.ac.pa

### Ing. Yanela Medina | Project Manager

560-3758 / yanela.medina@utp.ac.pa

### MSc. Cristian Moreno | Researcher

Universidad Tecnológica de Panamá  
560-3759 / cristian.moreno@utp.ac.pa

## WORK EXPERIENCE

### Web Content Manager

Tutorías Pre-Medicina (Freelance)

August 2022 - Today

- Management of quizzes and academic content in WordPress.
- Support for digital activities, providing general assistance in the use of virtual tools.
- Technical support for users.

### Junior Software Developer

Technological University of Panama

July 2023 - June 2025

- Backend development using Python and JavaScript, employing the Django framework to build modules for managing academic information and scientific output.
- Integration of APIs and institutional services for secure data exchange.
- Database design and modeling using PostgreSQL.
- Application of the Kanplan agile methodology for organizing, tracking, and executing tasks.
- Data validation and migration of the institutional academic repository system.
- Test execution with metadata formats (ORCID, BibTeX, RIS) to ensure consistency, quality, and interoperability between systems.
- Version control management using Git, GitHub, and Bitbucket.

## PROJECTS

- Institutional System for the Management of Scientific Information - Alpha Persei.
- Risk assessment of depression in university students and its association with vehicular traffic. Centros: University Scientific Journal,