

Jhon Harvey Tipas Solis

Software Developer

PROFESSIONAL OBJECTIVE

Software developer with over three years of experience in web and artificial intelligence projects. I am currently in my ninth semester of Systems Engineering at Universidad Santiago de Cali. I have experience in backend development with Node.js and FastAPI, frontend development with React, Vue.js, Angular, and Next.js, as well as in the design of REST APIs, machine learning models, process automation, and cloud deployments.

I have worked as an AI trainer and prompt creator, evaluating and improving responses generated by language models using defined rubrics and metrics. I excel at analytical skills, attention to detail, communication with multidisciplinary teams, and a focus on delivering high-quality, user-centric solutions.

PROFESSIONAL EXPERIENCE

AI Trainer and Prompt Engineer - OUTLIER AI

2024 (6 months)

- Training and refining language models by creating, adjusting, and evaluating prompts for different contexts and use cases.
- Reviewing, scoring, and correcting AI-generated responses using structured rubrics and quality metrics (clarity, relevance, completeness, security, etc.).
- Identifying error patterns and opportunities for improvement in model behavior, documenting findings and suggestions for the data/ML team.
- Collaborating in defining evaluation criteria and guidelines to ensure consistency, alignment with platform policies, and a positive end-user experience.
- Working with large volumes of text data, maintaining high standards of accuracy, confidentiality, and ethical data handling.

Freelance Developer

2021 - Present

- Full-stack web application development using JavaScript, Python, and Java.
- Building REST APIs with Node.js and FastAPI, integrating databases such as MySQL and PostgreSQL.
- Implementing modern interfaces with React, Vue.js, Angular, and Next.js, focused on usability and performance.
- Automating processes and deploying applications to the cloud (AWS) using DevOps best practices.
- Designing solutions supported by machine learning models and data analytics.
- Gathering requirements, creating technical documentation, and providing client support throughout the entire development lifecycle.

Project Leader - Universidad Santiago de Cali

2021

- Leadership of a university project for the development of an electronic device for sustainable waste collection.
- Design and implementation of programmable technology with an environmental and sustainability focus.
- Team coordination, activity planning, deliverable management, and presentation of results to faculty and academic committee.

EDUCATION

Systems Engineering

Santiago de Cali University - Colombia
2022 - In progress (9th semester)

Diploma in Artificial Intelligence Natural Language Processing (NLP)

Santiago de Cali University - Colombia
2025 - Complete

Academic High School Diploma

CPMI - Colombia
2020 - Completed

SKILLS

Languages:

JavaScript · Python · Java · C++ · C# · TypeScript

Backend:

Node.js · FastAPI · Django · Spring Boot · .NET

Frontend:

React · Vue.js · Angular · Next.js · HTML · CSS · Tailwind

Databases:

MySQL · PostgreSQL · Microsoft SQL Server · Redis

Work Methodologies:

Scrum · (XP) · Kanban · Jira and Trello Management

DevOps & Cloud:

AWS · CI/CD · Deployment Automation · Git/GitHub

MLOps and Model Deployment:

Docker · Kubernetes · MLflow · DVC · Model Monitoring

LLMs and GenAI

API Integration (OpenAI, Anthropic, etc.) · Prompt Engineering · Basic RAG · LangChain ·

LlamaIndex · n8n

AI and Data Science:

Machine Learning · Deep Learning

LANGUAGES

English: B2

Spanish: Native