Gustavo Camacho

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Software Engineer

Summary

I am a software engineer with hands-on experience developing full-stack applications using Python and JavaScript. I have contributed to projects built on Diango, Flask, and React/Next.is, focusing on scalable backend architecture and responsive frontend design. I apply RESTful APIs and SQL/NoSQL databases to deliver efficient, data-driven solutions. I combine strong technical expertise with a clear understanding of user needs, demonstrated by successful deployments and measurable performance improvements in production environments.

Technical Skills

Programing Languages: Python, JavaScript

· Backend Technologies: Django, Django REST Framework, Flask

Front-End Technologies: HTML, CSS, React, Next.js, Vite

· DataBases: MySQL, PostgreSQL, SQLite

· Developer Tools: Git, GitHub

Certificates

Developing Al Applications with Python and Flask - Coursera

https://www.coursera.org/account/accomplishments/records/89PGG0N7IWWY

Python for Data Science, AI & Development - Coursera June 2025

https://coursera.org/verify/LC6I7HNFYFYE

SQL and Relational Databases 101 by IBM - Coursera April 2025

https://courses.cognitiveclass.ai/certificates/59125b5c2c214d73bf0830c386a685b7

May 2025 React Essential Training - LinkedIn

https://www.linkedin.com/learning/certificates/1305ffb5b515c1e960767e55256355b19 1d6d4c0bc83fae33fdcb48db6adc531

Experience

Freelance Job, San José, Costa Rica

Software Engineer, Python Developer · Developed a restaurant inventory management system using Python, Flask, and MySQL, optimising workflow by 70%.

Engineered and deployed data validation features to detect and eliminate duplicate project entries, increasing database consistency and reducing data retrieval errors by 40%.

Collaborated cross-functionally with design and client teams to translate business requirements into responsive interfaces, improving user satisfaction scores by 25% while produced clear and precise technical documentation to ensure system maintainability.

Projects

Weather Application (Deployed) https://github.com/Gusttav28/WeatherJS

Technologies: HTML, CSS, JavaScript, amCharts 5 (am5), Vercel

June 2025

January 2024 - July 2024

June 2025

- Weather tracking application designed as part of a comprehensive full-stack development practice.
- Developed a responsive ui using JavaScript Integrated the amCharts 5 (am5) library to render an interactive 3D globe.
- · RESTful API integration, 3D data visualization, and enhancing user experience through interactive design and modular components.

Diango Weather API (Deployed) https://github.com/Gusttav28/Django-Weather-API

Technologies: Django REST Framework (API), pythonanywhere, Request

June 2025

- Developed a weather API using Django REST Framework to practice backend architecture and RESTful principles.
- Created scalable endpoints with CORS support for frontend integration using JavaScript and React.
- Applied clean routing and serialization to deliver real-time weather data efficiently.

Task Management Application (Deployed) https://github.com/Gusttav28/NextJS

Technologies: Django REST Framework (API), React, Next.js, PythonAnywhere, Vercel

April 2025

- Implemented a RESTful API using Diango to handle create, read, update, and delete (CRUD) operations for task records, slashing record retrieval times by 40% across the application.
- Constructed a responsive and interactive front-end web site utilizing React and Next.js, ensuring seamless consumption of API services and reducing page load times by 35%.
- · Authored detailed technical documentation for backend architecture and API endpoints, cutting developer ramp-up time by 50% and supporting future scalability.

Education

University of Science and Technology of Latin America (ULACIT)

September 2023 - Current

- Bachelors of Software Engineering and Computer Science

Additional Experience

Teleperformance, Heredia, Costa Rica

July 2025 - Current

Tech support Specialist Provided technical assistance for a medical device, guiding users through troubleshooting steps, resolving operational issues, and ensuring proper device functionality with clear and professional communication.

Concentrix, San Jose, Costa Rica

March 2025 - May 2025

Call Center Agent Delivered support resolving inquiries and complaints efficiently while strengthening communication and conflict resolution skills

Delirio House, San José, Costa Rica

April12 2023 - March 2025

Team Supervisor Led a team, improved workflow efficiency by 20%, and maintained a 95% customer satisfaction rate through effective coordination, delivering data-driven solutions, and process improvement.