Gustavo Camacho
Software Engineer

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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 Django, Flask, and React/Next.js, 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 AI Applications with Python and Flask - Coursera   June 2025
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

React Essential Training - LinkedIn   May 2025
https://www.linkedin.com/learning/certificates/1305ffb5b515c1e960767e55256355b191d6d4c0bc83fae33fdcb48db6adc531

Experience

Freelance Job, San José, Costa Rica   January 2024 - July 2024
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.
- Owned the project through the full Software Development Life Cycle (SDLC), using Notion to manage planning, tracking, and documentation.

Projects

Weather Application (Deployed)   *https://github.com/Gusttav28/WeatherJS*   June 2025
Technologies: HTML, CSS, JavaScript, amCharts 5 (am5), Vercel

- 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.

Django Weather API (Deployed)   *https://github.com/Gusttav28/Django-Weather-API*   June 2025
Technologies: Django REST Framework (API), pythonanywhere, Request

- 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*   April 2025
Technologies: Django REST Framework (API), React, Next.js, MySQL, PythonAnywhere, Vercel

- Implemented a RESTful API using Django and MySQL 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.