

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

<b>Developing AI Applications with Python and Flask - Coursera</b> <a href="https://www.coursera.org/account/accomplishments/records/89PGG0N7IWWY">https://www.coursera.org/account/accomplishments/records/89PGG0N7IWWY</a>	June 2025
<b>Python for Data Science, AI &amp; Development - Coursera</b> <a href="https://coursera.org/verify/LC6I7HNFYFYE">https://coursera.org/verify/LC6I7HNFYFYE</a>	June 2025
<b>SQL and Relational Databases 101 by IBM - Coursera</b> <a href="https://courses.cognitiveclass.ai/certificates/59125b5c2c214d73bf0830c386a685b7">https://courses.cognitiveclass.ai/certificates/59125b5c2c214d73bf0830c386a685b7</a>	April 2025
<b>React Essential Training - LinkedIn</b> <a href="https://www.linkedin.com/learning/certificates/1305ffb5b515c1e960767e55256355b191d6d4c0bc83fae33fdcb48db6adc531">https://www.linkedin.com/learning/certificates/1305ffb5b515c1e960767e55256355b191d6d4c0bc83fae33fdcb48db6adc531</a>	May 2025

Experience

<b>Freelance Job, San José, Costa Rica</b> <i>Software Engineer, Python Developer</i> <ul style="list-style-type: none"><li>• Developed a restaurant inventory management system using Python, Flask, and MySQL, optimising workflow by 70%.</li><li>• Engineered and deployed data validation features to detect and eliminate duplicate project entries, increasing database consistency and reducing data retrieval errors by 40%.</li><li>• 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.</li><li>• Owned the project through the full Software Development Life Cycle (SDLC), using Notion to manage planning, tracking, and documentation.</li></ul>	January 2024 - July 2024
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Projects

<b>Weather Application (Deployed)</b> <a href="https://github.com/Gusttav28/WeatherJS">https://github.com/Gusttav28/WeatherJS</a> <i>Technologies: HTML, CSS, JavaScript, amCharts 5 (am5), Vercel</i> <ul style="list-style-type: none"><li>• Weather tracking application designed as part of a comprehensive full-stack development practice.</li><li>• Developed a responsive ui using JavaScript Integrated the amCharts 5 (am5) library to render an interactive 3D globe.</li><li>• RESTful API integration, 3D data visualization, and enhancing user experience through interactive design and modular components.</li></ul>	June 2025
<b>Django Weather API (Deployed)</b> <a href="https://github.com/Gusttav28/Django-Weather-API">https://github.com/Gusttav28/Django-Weather-API</a> <i>Technologies: Django REST Framework (API), pythonanywhere, Request</i> <ul style="list-style-type: none"><li>• Developed a weather API using Django REST Framework to practice backend architecture and RESTful principles.</li><li>• Created scalable endpoints with CORS support for frontend integration using JavaScript and React.</li><li>• Applied clean routing and serialization to deliver real-time weather data efficiently.</li></ul>	June 2025
<b>Task Management Application (Deployed)</b> <a href="https://github.com/Gusttav28/NextJS">https://github.com/Gusttav28/NextJS</a> <i>Technologies: Django REST Framework (API), React, Next.js, MySQL, PythonAnywhere, Vercel</i> <ul style="list-style-type: none"><li>• 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.</li><li>• 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%.</li><li>• Authored detailed technical documentation for backend architecture and API endpoints, cutting developer ramp-up time by 50% and supporting future scalability.</li></ul>	April 2025

Education

<b>University of Science and Technology of Latin America (ULACIT)</b> - Bachelors of Software Engineering and Computer Science	September 2023 - Current
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Additional Experience

<b>Teleperformance, Heredia, Costa Rica</b> <i>Tech support Specialist</i> 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.	July 2025 - Current
<b>Concentrix, San Jose, Costa Rica</b> <i>Call Center Agent</i> Delivered support resolving inquiries and complaints efficiently while strengthening communication and conflict resolution skills	March 2025 - May 2025
<b>Delirio House, San José, Costa Rica</b> <i>Team Supervisor</i> 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.	April12 2023 - March 2025