

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 <i>https://www.coursera.org/account/accomplishments/records/89PGG0N7IWWY</i>	June 2025
Python for Data Science, AI & Development - Coursera <i>https://coursera.org/verify/LC6I7HNFYFYE</i>	June 2025
SQL and Relational Databases 101 by IBM - Coursera <i>https://courses.cognitiveclass.ai/certificates/59125b5c2c214d73bf0830c386a685b7</i>	April 2025
React Essential Training - LinkedIn <i>https://www.linkedin.com/learning/certificates/1305ffb5b515c1e960767e55256355b191d6d4c0bc83fae33fdbc48db6adc531</i>	May 2025

Experience

Freelance Job, San José, Costa Rica <i>Software Engineer, Python Developer</i>	January 2024 - July 2024
<ul style="list-style-type: none">• 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) <i>https://github.com/Gusttav28/WeatherJS</i>	June 2025
Technologies: <i>Django REST Framework (API), HTML, CSS, JavaScript, amCharts 5 (am5) PythonAnywhere, Vercel</i> <ul style="list-style-type: none">• 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.	
Unit Converter (Deployed) <i>https://github.com/Gusttav28/Unit-Convert</i>	May 2025
Technologies: <i>React, Next.js, Vercel</i> <ul style="list-style-type: none">• Developed a frontend-focused project to strengthen skills in React and Next.js.• Designed and implemented an interactive UI responsive frontend design, and frontend architecture.• Complemented by manual DOM manipulation to reinforce core JavaScript concepts and understand low-level browser interactions.	
Task Management Application (Deployed) <i>https://github.com/Gusttav28/NextJS</i>	April 2025
Technologies: <i>Django REST Framework (API), React, Next.js, PythonAnywhere, Vercel</i> <ul style="list-style-type: none">• Implemented a RESTful API using Django 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) - Bachelors of Software Engineering and Computer Science	September 2023 - Current
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Additional Experience

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