Gustavo Camacho / Bilingual English, Spanish

Software Engineer | Backend Developer

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Summary

Dedicated software engineering student with a solid foundation in Python, Flask, and relational databases, complemented by hands-on experience in developing inventory and contact management systems to optimize workflows. Skilled in analyzing user requirements and delivering efficient, scalable solutions through innovative projects. Passionate about leveraging technology to create impactful software solutions and continuously seeking opportunities to grow professionally and embrace the latest advancements in the field.

Core Competencies

- Python and Java Developer
- Architec Solution
- Software Desing
- Leadership
- Business Planning
- Strategic Planning
- Problem Solving
- Analytical
- Team collaboration

Experience

SoftStruc Architec, San José, Costa Rica   **January 2024 - July 2024**
Python Developer (Intern)

- Developed a restaurant inventory management system using Python, Flask, and MySQL, optimizing workflow by 70%.
- Implemented key features to identify duplicate products and improve data organization within the database.
- Collaborated with a team to analyze client requirements and design user-friendly interfaces that enhanced the user experience.
- Produced clear and precise technical documentation to ensure system maintainability.

Delirio House, San José, Costa Rica   **July 2022 - Current**
Service Sub-Captain

- Led a team of six staff members, coordinating daily operations and ensuring exceptional customer service delivery.
- Resolved customer complaints efficiently, maintaining a 95% satisfaction rate and enhancing overall dining experiences.
- Streamlined team workflows, improving service efficiency and reducing wait times by 20%.
- Trained and mentored new employees, fostering a collaborative and customer-focused work environment.
- Managed on-the-spot problem-solving, ensuring smooth service during high-pressure scenarios such as peak hours and events.

Projects

Web Contact Management System   **April 2024 – May 2024**
Technologies: Python, Flask, HTML, CSS, MySQL

- Designed a web-based contact management application with features to add, edit, update, and delete contact information.
- Built an optimized HTML interface for displaying contacts in a grid format.
- Improved database workflow efficiency and gained hands-on experience with web development tools and practices.

Data Management System   **December 2023 – January 2024**
Technologies: Python, Tkinter, MySQL

- Developed a desktop application to manage SQL database integration, improving data organization and workflow.
- Analyzed user requirements and implemented key features to optimize operational processes.

Train Tracking System   **July 2024 – September 2024**
Technologies: Java, UDP/TCP Sockets, Microservices Architecture

- Designed and implemented microservices to manage real-time communication between system components.
- Configured UDP and TCP servers to ensure efficient and reliable data transmission.
- Integrated microservices to provide continuous and accurate tracking of train statuses.
- Conducted performance testing and optimization to ensure system scalability and responsiveness under high load conditions.

Education

University of Science and Technology of Latin America (ULACIT)   **September 2023 - Current**
- Bachelors of Software Engineering and Computer Science

Technical Skills

- **Programing Languages: Python, Java, JavaSscript**
- **Front-End Technologies: HTML, CSS, JavaScript**
- **Back-End Technologies:** Flask
- **DataBases:** MySQL, PostgreSQL, SQLite
- **Developer Tools:** Git, Tkinter,
- Javax.Swing