

Oliver Montero

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PROFESSIONAL SUMMARY

Results-driven Test Software Engineer with 6 years of experience in scripting, hardware/software testing, and system integration. Proven track record of building **scalable** web applications and **optimizing** workflows using **Python**, **SQL**, and **REST APIs**. Expertise in **Python testing**, root cause analysis, and Agile methodologies to ensure the delivery of high-quality, tested software solutions.

TECHNICAL SKILLS

- **Languages:** Python (Advanced), JavaScript/TypeScript (React, Node.js), SQL, Bash, Java, C, C++
- **Web & Frameworks:** Django, Express.js, HTML5/CSS3, Bootstrap, RESTful APIs, JWT Auth
- **Databases & Infrastructure:** PostgreSQL, MySQL, SQLite, Docker, Linux/Unix Administration
- **Tools:** Git/GitHub (CI/CD), Jira (Agile/Scrum), Python Testing (Pytest/Unittest), Web Servers

SOFTWARE ENGINEERING PROJECTS

- **E-Market Full-Stack Platform (Marketplace Engine):** Developed a scalable e-commerce platform using Node.js, Express, and MySQL, focusing on high-trust buyer/seller interactions. Designed a dynamic Dashboard for inventory management and implemented relational **SQL** order-tracking logic to streamline the user purchase flow.
- **Task Management API & Dashboard:** Architected a robust **REST API** using Django REST Framework and a React frontend. Engineered complex relational PostgreSQL schemas to manage multi-user state, ensuring data persistence and secure JWT authentication for a seamless user experience.
- **Smart Calorie Tracker:** Built a full-stack health application with Django, integrating external USDA/OpenFoodFacts APIs. Utilized Chart.js for real-time, asynchronous macro-nutrient data visualization to drive user engagement.

PROFESSIONAL EXPERIENCE

• Kyocera Document Solutions Development America	Gardena, CA
• <i>Software Engineer in Test</i>	Apr 2025 – Present
○ Scalable Automation Systems: Promoted for engineering high-throughput automation scripts that increased task efficiency; reduced JIRA tickets from 200 to 30 active tickets, directly impacting release velocity in the TaskAlfa series of printers.	
○ Tooling & Simulation: Took ownership of developing custom automation tools with Powershell and Selenium, accelerating system integration cycles and enabling faster feedback loops for the engineering team.	
○ Agile Collaboration: Collaborated in an Agile/Scrum environment to fix critical logic bugs and optimize software release workflows, ensuring high-quality product delivery.	
• Kyocera Document Solutions Development America	Gardena, CA
• <i>Associate Test Software Engineer</i>	Nov 2019 – Apr 2025
○ Full-Stack Tooling: Engineered automated test suites using Selenium to identify and resolve logic regressions in firmware-integrated applications, ensuring long-term system stability.	
○ Root Cause Analysis: Applied deep analytical skills to complex distributed system failures, developing and verifying code-level fixes to maintain a high-trust system environment.	
○ Data-Driven Insights: Used standardized data-logging procedures to track performance metrics across production-grade hardware systems, aiding in data-backed decision making.	

EDUCATION

• California State University, Dominguez Hills	Carson, CA
○ <i>Bachelor of Science in Computer Science</i>	Aug 2022 – Dec 2025
• Los Angeles Harbor College	Los Angeles, CA
○ <i>Associate of Arts in Math and Natural Sciences</i>	Aug 2019 – Jun 2021

CERTIFICATIONS

- **Google IT Support Professional Certificate:** Coursera / Google