Josafath Cerón

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Software Engineer specialized in Python, Java and JavaScript, with hands-on experience building e-commerce integrations with the Tiendanube REST API, process automation and full-stack web apps (React, Node.js, Django). Focused on clean, scalable, tested code with Git and CI/CD.

EDUCATION

Universidad Autónoma del Estado de México Texcoco, Mexico
B.S. Systems Engineering *Jun 2020 – Present*

EXPERIENCE

Junior Software Developer Feb 2026 – Present
Universo de Fragancias

- Built modules on the Tiendanube REST API that generate daily, weekly and monthly sales reports and automate order cancellations, saving time for the inventory, tax withholding and order management teams.
- Redesigned the module architecture with asynchronous requests, cutting data load time from 23 s to 3–4 s (~85% faster).
- Develop and maintain web applications and provide technical support for the e-commerce platform.
- Manage websites and MySQL databases through Plesk, working with Git and Linux.

PROJECTS

Study Partner (Video Chat)
| *JavaScript, Node.js, Express, MongoDB, WebRTC, Socket.IO, GitHub Actions*

- Built a one-to-one real-time video calling app using WebRTC peer-to-peer connections and Socket.IO signaling.
- Rewrote it (v2) with MongoDB persistence, environment-based secrets and CI with GitHub Actions.

RollCall (Attendance System)
| *Python, OpenCV, YuNet, NumPy, Tkinter, GitHub Actions*

- Automated attendance taking with facial recognition in Python and OpenCV, exporting records to spreadsheets.
- Upgraded detection from Haar cascades to the YuNet neural network, improving accuracy with angled faces, glasses and low light.

AlgoScope (Algorithm Visualizer)
| *Java 21, Swing, GitHub Actions*

- Animated 6 sorting algorithms plus BFS, DFS, Dijkstra and A* step by step, forwards and backwards.
- Built a record-and-replay engine in Java 21 (records, sealed interfaces) with 344 tests on CI.

SKILLS

Programming Languages: Python, Java, JavaScript, TypeScript, PHP, SQL, HTML, CSS
Frameworks & Libraries: React, Next.js, Node.js, Express, Django, Django REST Framework, Java Swing, OpenCV, WebRTC, Socket.IO
Tools & Platforms: Git, GitHub Actions (CI/CD), REST APIs, Tiendanube API, Plesk, MySQL, PostgreSQL, MongoDB, Linux, Vercel
Soft Skills: Problem Solving · Analytical Thinking · Adaptability · Teamwork · Effective Communication · Time Management