Lucas Guerrero

Asunción, Paraguay
nlucas.guerrero@gmail.com
+595 981 825561
linkedin.com/in/nlgr/

Summary

Dynamic Software Engineer with 7 years of experience building web applications and real-time 3D visualization tools. Specialized in Python, React, Angular, and system architecture. Known for improving performance, reducing production bugs with solid testing strategies, and delivering scalable, production-ready systems.

Experience

Software Engineer, Bluelight Consulting **Aug 2025 – Currrent**

United States (Remote)

- Developed and maintained full-stack features for a financial software platform serving the U.S. private market, using Python and React
- Resolved production bugs across the full stack, reducing user-reported issues and improving system reliability
- Independently delivered a key feature under a tight deadline, shipping it ahead of a client demo to positive reception from stakeholders

Software Engineer, Ekumen **Apr 2022 – Jul 2025**

United States (Remote)

- Built a 3D visualization platform for robotics datasets using FastAPI, React, Deck.gl (10 Hz data processing)
- Implemented real-time communication using WebSockets via Socket.io
- Designed and engineered a full Sensor System architecture including entity models, gRPC + Protocol Buffers, Spanner Database and Angular
- Developed custom logging decorator to enhance system diagnostics
- Scrutinized and resolved performance bottlenecks caused by React Context/Redux re-rendering conflicts and proposed migration strategy to Zustand
- Created comprehensive testing strategy using unit and monkey testing to minimize production bugs and enhance QA processes

Software Developer, Baran Consulting and Associates **Sep 2019 – Mar 2022**

Asunción, Paraguay

- Maintained ERP system using Django and AngularJS; ensured stability and added new features
- Designed and deployed e-commerce platform with Django + Angular
- Helped build a new ERP version using Django and React with focus on performance

Education

National University of Asuncion Feb. 2014 - Dec. 2019
BS, Computer Science and Engineering, Asunción, Paraguay

Skills

Languages: Python, TypeScript, JavaScript
Frameworks: React, Angular, Django, FastAPI

Databases: PostgreSQL, MongoDB
Other: Docker, Git, REST, gRPC, GraphQL, WebSocket

Languages

Spanish: Native
English: C1