Jabel Resendiz

FullStack Developer — Software Engineer — AI Engineering
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Professional Summary

FullStack developer with strong algorithmic foundations (ICPC Finalist) and experience across frontend, backend, distributed systems, REST APIs and data engineering. Skilled in React, Vue.js, .NET, Python, SQL and scalable architectures. Seeking full-time opportunities in software engineering and fullstack development.

Technical Skills

Frontend: React, Vue.js, Angular, Blazor, HTML, CSS, JavaScript, TypeScript
Backend: C#, .NET, Python, Node.js (Express), Go
Databases: MySQL, PostgreSQL, SQL, relational design
FullStack: REST APIs, state management, authentication, API integration
AI & Data: NLP, RAG, embeddings, data analysis (pandas), basic ML
Distributed Systems: TCP/IP, concurrency, HDFS, Spark, Kafka
Tools: Git, GitHub, Docker, Linux, VS Code, LaTeX

Projects

Big Data SNP Genome Simulation Pipeline — Spark + HDFS + Kafka (2025)
Distributed platform for large-scale SNP simulation and processing. Kafka for streaming ingest, Spark for distributed analytics, HDFS for resilient storage, and Flask + WebSockets dashboard for real-time metrics visualization.

Peer-to-Peer BitTorrent System (2025)
Simplified BitTorrent-style distributed system with peer discovery, piece exchange, TCP/UDP transport, and SHA-256 integrity verification.

HULK Programming Language Compiler (2023)
C (Flex/Bison) compiler frontend with LLVM IR backend. Includes interpreter and basic optimizations.

Technical Write-Off API System (2024)
Backend in .NET + MySQL using Clean Architecture for inventory automation.

Enterprise Web Platform (2024)
Vue.js application integrated with REST APIs; reusable component architecture.

Experience

CITMATEL — Software Developer Intern · Apr 2024 – Jun 2025

- Implemented features for payroll and internal tooling using .NET and SQL.
- Performed refactoring, debugging, testing and release preparation (Agile).

SEGURMÁTICA — Software Engineer (Antivirus Engine) · Mar 2024 – Oct 2024

- Reverse engineering and static/dynamic malware analysis.
- Contributed to detection rules and core engine improvements.

Education

B.Sc. in Computer Science — University of Havana · 2022–2026
GPA: 4.89/5

Awards

ICPC Caribbean Finalist (2024)
Silver Medal — Central American Math Olympiad (2019)
Bronze Medal — Ibero-American Math Olympiad (2020, 2021)

Languages

Spanish (Native), English (Intermediate B1)