Luis Gerardo Aguilar Garcia

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Full Stack Developer with 3+ years of expertise in designing, building, and maintaining high-performance web applications. Proficient in JavaScript technologies (Angular, React, and Node.js) and experienced in developing scalable microservices and APIs with GraphQL and RESTful architecture. Skilled in DevOps practices, including AWS cloud management and CI/CD pipeline implementation, ensuring seamless deployment and optimal performance. Dedicated to delivering secure, innovative, and efficient software solutions.

PROFESSIONAL EXPERIENCE

PREXTO FINANCIAL SERVICES   **REMOTE,México**
FULL STACK DEVELOPER   *March 2023 – current*

- Designed and implemented robust financial models to calculate moratorium and ordinary interest rates, ensuring accurate and efficient loan management processes.
- Developed a comprehensive error-handling module to monitor and resolve production errors in real time, reducing system downtime by 20%.
- Optimized database performance and scalability using MongoDB aggregation pipelines, improving data query efficiency for large-scale applications.
- Contributed to enhancing the reliability and performance of microservices architecture, enabling seamless integration across multiple platforms.
- Collaborated with cross-functional teams to align technical solutions with business objectives, improving service delivery for financial clients.
- Ensured compliance with security standards by integrating secure authentication mechanisms, including JWT and OAuth2, into critical APIs.
- Configured and managed CI/CD pipelines to automate deployment workflows, ensuring reliable and consistent releases.
- Set up and optimized AWS S3 buckets for secure storage and retrieval of financial data, ensuring high availability and durability.

SISTEMAS INFOTEC   **Barranquilla, Colombia**
DESARROLLADOR DE SOFTWARE   *January 2023 – March 2023*

- *Developed and maintained custom software solutions tailored to client needs, focusing on scalability and performance.*
- *Designed and implemented APIs to integrate third-party systems, improving interoperability and data exchange.*
- *Collaborated with clients to gather requirements, delivering personalized technical solutions to enhance business processes.*
- *Optimized legacy systems by modernizing codebases and implementing efficient algorithms, reducing execution time by 30% (SQL - Stored Procedures).*
- *Provided technical support and troubleshooting, ensuring minimal downtime for client operations.*
- *Managed database design and performance tuning for relational databases, ensuring data integrity and faster query execution.*
- *Conducted training sessions and created documentation for end-users, ensuring seamless adoption of new systems.*

WORKANA   **REMOTE, WEB**
FREELANCER DEVELOPER   *April 2023 – current*

- *Collaborated with clients on Workana to identify and resolve technical issues, delivering tailored solutions that enhance system functionality and meet project deadlines.*

DDB COLOMBIA   **Bogotá, Colombia**
Financial Planning Analyst   *June 2021 – January 2023*

- *Designed and implemented interactive dashboards and monthly performance reports by integrating data from various sources (e.g., accounts receivable, personnel hours).*
- *Managed and maintained comprehensive client contract databases, ensuring data accuracy and efficient accessibility.*
- *Automated the consolidation of financial data across multiple companies to generate Profit & Loss statements and consolidated balance sheets.*
- *Conducted detailed variance analyses between budgets and actual performance, utilizing advanced data visualization techniques to identify key trends and deliver actionable insights.*

UNIVERSIDAD DE CARABOBO   **Carabobo, Venezuela**
Economist   *July 2011*
Honors: 5th place

Self-Taught Programmer   *REMOTE*
Gained expertise in modern web development technologies including React, Angular, NestJS, SQL, and MongoDB. Emphasized delivering secure and scalable solutions.

SKILLS ADICIONALES

- Nativo en Español. Fluido en Inglés (almost C1).
- AWS - GCP
- Languages: TypeScript, Python
- DDBB: SQL, NoSQL
- Communication
- Problem-Solving
- Teamwork
- REST API, GRAPHQL
- JWT, OAuth2
- Jira, SCRUM