

Luis Moncada

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Full Stack Software Engineer

WORK EXPERIENCE

NewB Tech Solutions-New York, NY - Full Stack Software Developer (08/2023 - Current)

- **Authentication & Security:** Developed a secure authentication flow for React Native applications by integrating AWS Cognito, ensuring protected screens and robust user access management.
- **CMS Development:** Engineered a scalable content management system using Next.js, reducing content update times by **40%**. Implemented GraphQL queries to optimize backend efficiency, **reducing data-fetching latency by 25%** and improving response times. Developed modular CMS components for **faster development cycles and easier maintenance**.
- **Cloud & API Integration:** Created an AWS Lambda function in Node.js, integrated with AWS AppSync, AWS S3, and DynamoDB, to serve as a scalable API for CMS operations.
- **Legacy System Refactoring:** Refactored legacy C++ code to enable database connectivity for Ray X software using Apache Ignite, **improving data-sharing speed by 40%** and enhancing system reliability.

Deerview Business Solutions-Miami, FL – Full Stack Software Developer (09/2021 – 08/2023)

- **Code Refactoring & Best Practices:** Refactored and optimized legacy Angular code by implementing **clean coding principles**, improving **code readability and maintainability by 40%**.
- **Dynamic Forms System:** Designed and implemented a dynamic forms system using Angular and ASP.NET, enabling the creation and storage of form configurations in a database and automating mathematical calculations based on user inputs.
- **Quotation & Issuance System:** Designed and developed a quotation and issuance system using Angular and C#, **reducing processing time from 4 hours to just 1 hour**. This streamlined **the approval process**, reduced **manual workload by 75%**, and enhanced **overall operational efficiency**.

Freelance Full Stack Developer (08/2019 – 09/2021)

- **Platform Development:** Designed and built a robust web platform for a soccer team alignment game using Laravel and Vue.js, ensuring seamless performance and user engagement.
- **Custom Web Solutions:** Developed and customized WordPress websites for diverse clients by creating tailored plugins and functionalities with PHP, HTML, and JavaScript, enhancing user experience and meeting specific business requirements.

SKILLS

Programming Languages: JavaScript, TypeScript, Python, PHP, C#, SQL, HTML, CSS

Frontend: React, Next.js, Angular, React Native, GraphQL

Backend: Node.js, Express.js, Nest.js, Laravel, ASP.NET

Databases: MySQL, PostgreSQL, Firebase, MongoDB, DynamoDB

Cloud & DevOps: AWS (S3, EC2, Cognito, AppSync, Lambda), Azure, Docker, Git

EDUCATION

Computer Science Coursework, Carabobo University (2015 - 2018)

Venezuela, Carabobo
