Luis Carlos Arias Camacho
Senior Software Engineer

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With over 6 years of experience in full-stack development and cloud infrastructure, I specialize in scalable, secure, distributed microservices systems. Passionate about mentoring teams and delivering user-focused innovations, I aim to become a Software Solutions Architect, driving meaningful technological advancements.

Work Experience

Senior Software Development Engineer
Apr 2022 - Present

Delta Protect | *Mexico City*

Developed a secure microservices backend from scratch with GraphQL Federation and RESTful APIs, adhering to OWASP standards. Built an Angular admin app, optimized GCP Dockerized deployments, and mentored junior developers, enhancing workflows, productivity, and code quality.

- Decreased security vulnerabilities by 97%
- Increased development efficiency by 60%
- Improved client detection of malicious activities by 30%

Staff Software Engineer
Dec 2019 - Mar 2022

iVoy | *Mexico City*

Designed and implemented a Warehouse Management System using GraphQL microservices with NestJS and PostgreSQL. Developed a React/Redux web application for real-time package tracking and warehouse operations. Led the migration of legacy systems from Java to NestJS with a federated architecture and managed a team of 4, delivering scalable, on-schedule solutions.

- Reduced package losses by 92% and bug reports by 60%
- Created an integrated development environment, enhancing team productivity by 40%.

Full Stack Engineer
Feb 2019 - Oct 2019

eBitware | *Mexico City*

Built the backend for an HR management application using SpringBoot and MySQL and delivered RESTful APIs for attendance tracking and inventory management.

- Cut bugs by 50% and improved milestone delivery by 70%

Projects

Promesa Trash Collector App
Present

Built with React, Node.js, MongoDB, and React Native.

- Increased Promesa Civil Group affiliates by 40%, supporting environmental sustainability.

Core Skills

TypeScript, JavaScript, Node.js, NestJS, GraphQL, REST APIs, React.js, Angular, Redux, Next.js, MongoDB, PostgreSQL, MySQL, GCP, Docker, Git, Github, BitBucket, Jira, Confluence, Team Managment, Data Driven Decision Making, SMART leadership

Education

Tecnológico de Monterrey
Jul 2014 - Dec 2019

Bachelor Computer Science

Languages

Spanish *(Native)*, English *(Advanced)*, German *(Advanced)*