

Carlos Manuel Solis Torres, Software Engineer

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[GitHub](#) [LinkedIn](#) [Stack Overflow](#)

EMPLOYMENT HISTORY

Software Engineer at **Base Labs** - Feb 2024 - Current

At Base Labs, a CTO as a Service company dedicated to develop client's tech ideas:

- I spearheaded the development of a customer experience survey platform that empowered users to create surveys, collect responses and generate automated reports with LLM-based analytics. The solution included interactive dashboards, response categorisation and data export, automating 70% of manual tasks and improving decision-making efficiency.
- Designed and developed a solution to manage orders and contracts for smart locks, automating digital signature processes and status notifications to optimize leasing operations.
- Supervised the development of a business intelligence system to analyze the profitability of deliveries, reducing auditing time by at least 70%.
- I spearheaded the development of an automated domiciliation payment system for automotive loans, thereby enhancing accuracy and efficiency in payment management.
- I am responsible for project pipeline management, task assignment, and supervision of two junior developers, ensuring quality delivery through code reviews.
- **Technologies:** Express.js, TypeScript, Prisma, React, Appsmith, PostgreSQL, Flask, Google Cloud, Docker.

Software Engineer at **Priori Search** - Sep 2023 - Feb 2024

At Priori Search, a legal tech company dedicated to modernizing legal precedent searches:

- I've played a crucial role in every phase of software development. Contributing to our mission of making manual searches obsolete.
- Led the development of a Microsoft Word plugin that allowed lawyers to classify document clauses using Named Entity Recognition (NER) and generate a categorized database for easy reuse of common clauses. This reduced clause search time by an average of 3 hours through advanced filters, categorization by contract type, and keyword highlighting.
- **Technologies:** Express.js, Flask, Firebase, Vue, Pinia, Office API, Docker, Google Cloud Platform.

Software Engineer at **Platform Science** - Jul 2022 - Sep 2023

At Platform Science, a company focused on developing innovative technology solutions for fleet management and logistics:

- Maintained and developed endpoints for the company's main API, improving the stability and functionality of the services offered.
- Set up a RabbitMQ sandbox instance to simulate sending truck status heartbeats every 15 minutes, helping clients understand the value of the service and increasing adoption.
- Developed a GraphQL gateway for the main PHP-based API, eliminating the need to frequently regenerate tokens and providing secure, efficient access for users and partners through roles and permissions.
- **Technologies:** Express.js, GraphQL, TypeScript, PHP, PostgreSQL, Laravel, DynamoDB, RabbitMQ.

EDUCATION

Master's Degree in Web Site Management and Engineering - Oct 2023 - Mar 2024

Universidad Internacional de la Rioja

Bachelor's Degree in Computer Systems Engineering - Feb 2018 - May 2022

Universidad del Valle de México