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# Mateo Carvajal Vergara

## Backend developer

I am a dedicated professional with 3 years of experience in software development, driven by a passion for innovation and continuous learning. Known for my ability to solve complex problems and deliver impactful results, I bring a blend of technical expertise, creativity, and a commitment to collaboration. My motivation lies in leveraging my skills to drive growth, enhance efficiency, and contribute meaningfully to a company's success.

## MOST RECENT WORK EXPERIENCE

### Backend Developer at HACEB industries.

Jun 2024 - Dec 2024 · 6 mos [Antioquia. Colombia] [household appliance production, Manufacturing]

#### RESPONSIBILITIES

- Design and implement scalable, secure and efficient solutions using Python and Azure.
- Support to clients and team integrates.
- Automating processes.
- Deploying and managing cloud-based applications.

#### KEY ACCOMPLISHMENTS

- **Improved** secure development processes by implementing standardized development environments, best practices, and design patterns.

- **Standardized** the process for the proper implementation of new features in Azure.
- **Increased** efficiency across company departments by automating manual processes that previously took over 500 hours annually.

## Backend Developer at Mpos Global Inc.

Feb 2023 - Jul 2023 · 6 mos [Antioquia. Colombia] [custom software development, Technology]

### RESPONSIBILITIES

- Develop a REST API with NestJS and MySQL to control the catering of an international airline.
- Create and integrate new functionalities in existing projects, applying best practices and design patterns.
- Build new functionalities for the backend of a cryptocurrency Unblock wallet using NodeJS.
- Identify and correct or optimize code or logic errors in processes and functions.

### KEY ACCOMPLISHMENTS

- Implemented the option to pay via QR in the cryptocurrency wallet for certain merchants. Used Socket.io for real-time communication and JWT to ensure secure communication.

## Full Stack Developer at Más Alcance SAS.

Jul 2022 - Feb 2023 · 8 mos [Antioquia. Colombia] [custom software development, Technology]

### RESPONSIBILITIES

- Develop a web application for the intelligent supply of raw materials in an international hotel chain using Angular and NestJS.

- Design and develop a web application to centralize the services offered by the hotel chain on its different websites and web applications, such as bookings, flights, etc.
- Deploy projects on AWS using EC2 and RDS.
- Conduct meetings with clients to gather requirements.

## KEY ACCOMPLISHMENTS

- Improved the negotiation process for the supply chain of the hotel chain by implementing real-time chat and notifications with Socket.io to enhance communication between suppliers and hotels.
- Enhanced the development process within the team by implementing Scrum and XP as agile methodologies.

## SKILLS

- |                     |                    |                                     |
|---------------------|--------------------|-------------------------------------|
| • Problem solving   | • TypeScript       | • Object-Oriented Programming (OPP) |
| • Adaptability      | • Agile principles | • Python                            |
| • Team player       | • SQL              | • Angular                           |
| • Fast learner      | • JavaScript       | • Node.JS                           |
| • Abstract thinking | • Git              | • AWS                               |
| • Cybersecurity     | • Docker           | • Azure                             |

## EDUCATION

### Software Development Technology at university I.U Pascual Bravo (IUPB)

Aug 2020 - Jul 2024 [Medellín, Colombia]

# LANGUAGES

Spanish and English.