

# Alvaro Diego Pérez Vázquez

Bachelor's degree in computer systems engineering | Software Developer

Jalisco, México

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## Summary

+2 years of experience developing software using web technologies, working closely with programmers, and product owners, implementing UI/UX designs, developing, maintaining, and deploying software functionalities under agile methodologies.

## Experience

### Software developer, *Independent professional. (software sector)*

Jul 2023 – Present

- Design and development a RESTful API and a database for a Mexican POS software, using Java, MySQL, Spring Framework, Hibernate and Spring core.
- Maintained and deployed some software features in Logistic Web System using React.js, Node.js, Express.js, and MySQL, and applied a pagination technique on requests to achieve a 30% improvement in system image loading performance.

### Software developer / Co-founder, *Markstory Inc. (marketing sector)*

Nov 2021 – Feb 2023

- Designed, developed, and deployed a dozen of landing pages using React, HTML, CSS, JavaScript, and WordPress; An e-commerce using WooCommerce and Stripe API; A web application using MERN stack (MongoDB, Express, React, Node), and a RESTful API.
- Coordinated web development projects with a team of 3 members. We achieved to digitize 12 businesses for clients in Chicago, USA.

### IT Coordinator, *Proensi (industrial sector)*

Aug 2021 – Aug 2022

- Developed and deployed the new website [www.proensi.com](http://www.proensi.com) in a team with a designer implementing UX/UI designs, using JavaScript, jQuery, HTML, CSS and Bootstrap and implemented it, generating an estimated 30% increase in project requests across the web.
- Developed a web application using JavaScript, HTML and CSS to optimize the "project communication" process.
- Led IT support for the company workers and technical maintenance for the computer equipment.
- Managed internal network, mail server and company server for the digital protection of the company.
- Coordinate tasks with external providers of technological services and equipment.

### Full stack developer, *Wolfplast (industrial sector)*

Jan 2021 – Jul 2021

- Created a web system using HTML, CSS, JavaScript, jQuery, PHP, and a relational database with MySQL, this reduced costs by an estimated 5% by implementing a max's and min's traffic light that led to an improvement in the planning of purchases of raw materials and supplies and incremented the KPI of orders delivered in a timely manner by graphically monitoring the status of each order in plant and route, therefore increasing customer satisfaction.

### Software project manager, *Menteopolis (services sector)*

Feb 2020 – May 2021

- Led the team of 2 developers under Scrum methodology throughout the logistic system project which included development of an android application using Java, a web system using React.js, Node.js, Express.js and MySQL, and a RESTful API for the connection of these 2 systems. This system saves the company a couple of hours a week in information management, alerts on extra costs and digitizes most of the company's processes.
- Designed the UI/UX of the web application using Adobe XD, the relational database using StarUML, and gathered customer requirements for the logistic system project.

## Education

### Computer systems engineer (Bachelor's degree), *Tecnológico Nacional de México (Cd. Guzmán campus)*

2016 – 2021

GPA 94/100

### Programming technician, *Centro de bachillerato técnico industrial y de servicios No. 70 "Pedro Moreno"*

2013 – 2016

GPA. 98/100

## Skills

**Soft:** Problem resolution, Leadership, Learnability, Adaptability, Team player, and Effective communication.

**Technologies:** Java, Spring framework, Spring Boot, Git, JavaScript, Node.js, Express.js, React.js, HTML5, CSS3, MongoDB, SQL and jQuery.

## Languages

Spanish (Native) | English (B2 Upper Intermediate)

## **Courses and certifications**

**Platzi:** Java SE Object Oriented (31h) | Backend with Java Spring Boot (10 h) | Basic JavaScript (19h) | Backend with Node.js: REST API with Express.js (15h) | Linear Data Structures (14h) | Patterns of Arrays and Strings (13h) | React.js Essential Training (2h).

**Udemy:** Master Microservices with Spring Boot and Spring Cloud (In progress) | React, NodeJS, Express, MongoDB: MERN Full stack guide (5h) | Scrum master (3h) | How to design and prototype in Adobe XD (1h).

**SCRUM Study:** Scrum Fundamentals Certified.

**American and British Academy:** B2\_Upper Intermediate English Certified.

## **Awards and participations**

- 2019 National Chess Champion (team mode) and qualification to the 2020 Pan-American Intercollegiate Chess Championship.
- Participated in coding competitions with the Java language for 3 years, ACM-ICPC 2019 and 2020, Google Hash Code 2020 and Donald Knuth 2021.
- Organized the ITCG programming contest 2020 as staff of the ITCG Algorithm and Programming Club.