

Alvaro Diego Pérez Vázquez

Bachelor's degree in computer systems engineering | Software Developer

Jalisco, México

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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 and SQL.

Summary

+3 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

Java developer, TATA Consultancy Services. (software sector)

Jan 2024 – Present

Software developer, Independent professional. (software sector)

Jul 2023 – Nov 2023

- 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 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

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) | Java Spring Data JPA: Databases (16h).

Udemy: 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.