

Daniel Hernández Díaz

Innovative Full Stack Developer | Java | Spring Boot |
.NET Core | JavaScript | MERN | TypeScript

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Location: Tijuana, Baja California, Mexico

With over 3 years of programming experience, I've built a strong foundation, dedicating 2 years to Java and the remainder focused on the MERN stack. My expertise spans TypeScript and NestJS, enabling me to excel in crafting compelling websites, collaborating effectively in teams, and delivering with excellence. Furthermore, my versatility encompasses .NET Core and JavaScript skills, empowering me to tackle a wide spectrum of development challenges. I've also applied my knowledge in personal projects utilizing Spring Boot.

EXPERIENCE

G-Global, Full Stack Web Develop. October 2022 – April 2023

- Collaborated on the development of a customs crossing module for merchandise import and export from the warehouse, reducing manual verification time through validation of .txt invoices and error alerts before sending the crossing.
- Contributed to the monorepo by adding new features to the module, providing support for multiple microservices simultaneously.

Technologies: TypeScript, Apollo GraphQL, NestJS, React.js, MongoDB, Mongoose, Jest, Amazon S3, JavaScript.

G-Global, Backend Developer. May 2022 – October 2022

- Maintained web services in .Net Core.
- Developed a web service for an XML electronic invoice converter for versions 3.3 and 4.0, resulting in a .txt file with the required layout.

Technologies: C# .Net Core, Java, IIS, SQL Server, Amazon S3, Amazon EC2, JIRA, Bitbucket.

Dynamic Network, Full Stack Java Web Developer. February 2020 – May 2022

- Developed and implemented a vehicle key standardization system for several insurance companies such as ANA, QUALITAS, HDI, ABA-CHUBB, and GNP. I improved the information available to clients during the insurance acquisition process.
- Developed the sales logbook registration module for automobile insurance for Liverpool and Suburbia stores, generating statistical sales data that allowed customers to make informed decisions based on up-to-date information.
- Worked on updating the SOAP to RESTful web service for GNP Insurance.
- Developed a system to promote car insurance before each holiday in Mexico and the United States.

Technologies: HTML, CSS, JavaScript, Bootstrap, Java, JSP, Servlet, MySQL.

PROJECTS

Movie CRUD System (Personal Project)

April - May 2023

- Key Technologies: Spring Framework, Spring Boot, Hibernate, JPA Repository, thymeleaf.
- This project allowed me to enhance my microservices programming skills with Java.

Point of Sale

August - December 2018 (Professional Internship)

Dinora Furniture, Bochil, Chiapas

- Developed a desktop application for a point of sale using the Model-View-Controller (MVC) architecture with Java and MySQL. During the development process, I designed and implemented the user interface and database while ensuring the application was user-friendly, scalable, and met client requirements.

School Management System

February - August 2018 (Social Service)

CECyT 21, Bochil, Chiapas

- Designed and developed a desktop application for a school management system using the MVC architecture, C#, and SQL Server 2012. My primary focus was to ensure that the application met necessary educational requirements and was a useful tool for teachers and administrators of the institution.

SKILLS

Programming Languages/Frameworks:

Advanced: JAVA, C#, Bootstrap.

Intermediate: .Net Core, JavaScript, NestJs, MongoDB, Mongoose, React.js.

Basic: Apollo GraphQL, TanStack Query, Jest, Amazon S3.

Unix Package: Bash Script, SSH.

Version Control: Git.

Tools: IIS, Amazon S3, Amazon EC2, JIRA, Bitbucket, GitLab, NodeJS.

Databases: MySQL, SQL Server, MongoDB.

Agile Methods: Scrum.

Languages:

English: Basic.

Spanish: Advanced.

Tzotzil: Native.

EDUCATION

National Technological Institute of Mexico - Tuxtla Gutierrez, Chiapas

Bachelor of Engineering in Computer Systems, December 2018.