JOSÉ ROBERTO MOCIÑO MORALES

COMPUTER SYSTEMS ENGINEER

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- Digital Portfolio

ABOUT ME

I am a vhement of technology solutions. I like find new ways to solve problems using technology tools and learn about innovations on the development area and data science, IA, for example; I enjoy a lot of learn new things, and go ahead in a team and alone.

TECHNICAL SKILLS

- Java
- Python
- SQL
- JavaScript
- APIs
- Azure
- Administración de Bases de datos
- Administración de redes
- Desarrollo Web
- Paquetería de Office

LANGUAGES

Inglés B2

Speaking	60%
Listening	70%
Reading	70%

SOFT SKILLS

- Team Worker
- Resilient
- Time management
- Autodidact

EDUCATION

Computer Systems Engineering
Instituto Tecnológico de Pachuca
2017 - 2021
- Creation of an augmented reality aplicaction to learn kids topics of biology
- Creation of robot for sumo robot tournament.

WORK EXPERIENCE

Pasant of Software Developer in NOVA Applied Engineering
March 2022 - August 2022

Software Developer in NOVA Applied Engineering
August 2022 - September 2023
Software Development using:
- Java
- SQL
- Javascript
- Azure
- Spring Boot

PROFESSIONAL EXPERIENCE

Azure App Services
- Use of Virtual Machines
- Extract PDF´s text by Azure´s Services and IA
- Creation of CRUD powered by APIS

Augmented reality project
- A mobile app made with Unity and Vuforia who shows images in augmented reality using a book like base point

Web Development
- Design and creation of dynamic websites with HTML, CSS and Javascript

COURSES

- *GOOGLE CLOUD COMPUTING FOUNDATIONS: CLOUD COMPUTING FUNDAMENTALS*
- *TECHNICAL DIPLOMA IN CLOUD COMPUTING*
- *DIPLOMA IN WEBSITE AND MOBILE APPLICATION DEVELOPMENT*

MAIN ACTIVITIES AS SOFTWARE DEVELOPER IN NOVA APPLIED ENGINEERING

- Creating .java classes based on Spring Boot.

- Design and development of web interfaces (front) using Js.

- Development of the back for the catalogs made.

- Design and creation of reports in Crystal Reports.

- Interpretation of use cases to carry out developments.

- Bug fixes.

- Query Optimization

- Find solutions for problems external to Software development

DETAIL ACTIVITIES

Creating .java classes based on Spring Boot
Using the correct Spring Boot nomenclatures (Controller, Service, ServiceImpl, etc.) I developed solutions that fit the needs at the time.

Design and development of web interfaces (front) using Js.
Create catalog views based on specific use cases or customer-made requirements

Development of the back for the catalogs made.
Create methods, functions or procedures that interact with the requests made by the front, to show the desired results, which can be lists of records, apply filters to a block of data.

Design and creation of reports in Crystal Reports.
Create reports that work in conjunction with calls from the Front side and that go through the Java classes to export them in PDF, CSV format.

Interpretation of use cases to carry out developments.
Interpreting the needs specified in a Use Case, designing the most optimal solution, whether Front or Back.

Bug Fixes
Solution to various bugs by tracking and analyzing them.

Query Optimization
Reduce execution time in responding to robust Queries.

Find solutions for problems external to Software development
On one occasion I developed an application with Azure services that extracted the text from notes in an image or pdf and exported it in an Excel document.