López Mendiola Rodrigo

PERSONAL INFO

RESIDENCE: Ejidos de Tequisistlán Primero, Tezoyuca, Estado de México.

AGE: 28.

CURP: LOMR960502HMCPND05.

CONTACT

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WEB PORTFOLIO

- www.rodrigolm.xyz

LANGUAGES

- Spanish.
- English. Intermediate B2.

COMPETENCIES AND SKILLS

Responsible	Teamwork
Autodidact	Commited
Attentive to details	Dedicated

DEVELOPMENT AND TOOLS

JavaScript – C++ – **Python** – Java – PHP
MySQL – **PostgreSQL** – **CSS** – **HTML**
Blender – Trello – Microsoft Office
Paint.NET – **LINUX** – Git.

FRAMEWORKS

JavaScript: **AngularJS** – NodeJS – JQuery.
Python: Flask – Django – Tkinter.
CSS: Bootstrap.

OBJECTIVE

Apply, use and improve my knowledge acquired during my career to achieve personal and professional growth, providing reliable and high-quality work in a work environment.

ACADEMIC INFO

Centro de Estudios Científicos y Tecnológicos Número 10 "Carlos Vallejo Márquez".
Telecommunications technician. (2011 – 2014).

Instituto Tecnológico de Gustavo A. Madero.
Engineering in Information and Communications Technologies. (2016 – 2021).
- Graduated.
- Specialty in Web Aplications Development.

EXPERIENCE

SOCIAL SERVICE.
Gustavo A. Madero Mayor's Office. August 2019 – February 2020.
Job: Technical support.
Activities:
- Support in the installation and maintenance of hardware.
- Installation of software including Operating System.
- Do tickets of issues reported and to solve it.

PROFESSIONAL PRACTICES.
CINVESTAV. September 2020 – March 2021.
Project: Reingeniería a la plataforma de registro de tesis y actas de toma de grado (e-Borges).
Job: Analyst and Developer.
Development tools: HTML5, CSS, JavaScript, AngularJS, NodeJS and PostgreSQL.
Design tools: Visio, Balsamiq.
Activities:
- Analysis of existing documentation.
- Analysis and taking of new requirements.

Robótica Básica.
Punto México Conectado.
January 18, March 8, 2018.

Formulación y Construcción de Proyectos Tecnológicos.
Grupo Pridi. – (DC-3 Format).
March 23, to May 19, 2018.

Desarrollo de Proyectos Tecnológicos.
Grupo Pridi.
June 23, 2018.

Azure Fundamentals
Microsoft certified course. – Certified.
May 3, 2021 to June 16, 2021.

Complete Blender Creator: Learn 3D Modelling for Beginners.
Udemy course platform. – Certified.
August 20, 2022 to January 12, 2023.

Curso Profesional de Git
Código Facilito course platform. – Certified.
November 24, 2023.

- Writing of new documentation using UML diagrams as *Use Case*, *Class*, *Sequence* and *Entity Relationship* diagrams.
- Realization of web layout.
- Develop and add new requirements to the platform.

Summary: I learned on the way how to use AngularJS Framework while I was doing the analysis, documentation, design and integration of new requirements of *thesis registration module* of the platform, as well as to fix existing bugs; all of this working together with the person in charge of *certificate of degree taking module*, of the same platform, at the points where the intervention of both was necessary, for example, when we had to make modifications to the Data Base and common files of both modules.

PROJECT LEADER JR.
CINVESTAV. February 2021 – June 2021.
Projects: e-Hypatia and e-Borges.
Job: Project leader Junior.
Persons in charge: 2 for e-Hypatia and 1 for e-Borges.
Project management tools: Trello.
Activities: To manage and coordinate the work team.

Summary: I did a training to introduce the platform e-Borges to the new resident and person in charge, including the current documentation, business logic and development tools. Due to the platform e-Hypatia did not have a leader, I joined as a leader by recommendation of project portfolio leader, learning about the activities, status and progress to manage it properly. It was used the framework SCRUM to do a short-term control about the progress of the project's development, doing an analysis about the possible new requirements of both platforms, achieving to add the requirements before the time limit.

DEVELOPER
CINVESTAV. April 2022 – July 2022
Project: Re-engineering of the platform Sinac.
Job: Analyst and Developer.
Development tools: Netbeans, Java, Tomcat, PostgeSQL, HTML, CSS, JavaScript.
Activities:

- Analysis of the platform functions.
- Updating the information encryption method.
- Realization of corrective and preventive maintenance to avoid issues during its updating and migration to a new server.
- Realization of users and installation manuals.

Summary: I took part of the team in charge to the updating and migration of the platform, carrying out a preview analysis of the status to find out possible and necessary modifications to achieve updating the version of the development tools, such as Java and Tomcat versions, ensuring the security of the platform and preserving its functionality. As well, took part the migration of the platform from a server with the MacOS operating system to a server with Windows server OS, which had a major control and hardware scalability than the old Mac server.