MITZI ENZASTIGA
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Professional Summary

I am a dynamic individual, an avid self-learner who thrives in fast-paced, high impact environments. I love technical challenges that lead to build great products.

I am a very experienced SQL developer who has over eight years leading the analysis, design, development, implementation and maintenance stages of SQL Server databases. I have worked with IT industries as a software and data engineer, where I have been repeatedly recognized for developing innovative solutions and solving a wide range of problems.

Significant Qualifications

Technologies	Having 8+ years of experience in **SQL Server (2000, 2003,2005, 2008)**.
	Having 4+ years of experience in software development environment using **Visual Studio .Net.**
	Hands on experience in **Tableau**, **Power BI** and **RapidMiner**.
	Hands on experience in **Python** as a Data Analysis tool.
	Hands on experience in **Hadoop** and **Spark**.
	Having 4+ years of experience in **MySQL** and **Microsoft Access** as back-end databases.
	Having experience creating diagrams and data modeling using **Visio** and **Erwin Logic**.
	Having experience in designing web pages using **Adobe Dreamweaver** and **Adobe Flash**.
	Having experience in **HTML**, **CSS** and **JavaScript**.
Website	**https://mitzienzastiga.github.io**
Other	**Green Card holder.**

Education

School of Computing (ESCOM)-National Polytechnic Institute, Mexico 1997-2001
o **Bachelor Degree of Computer Systems Engineering**. Project to gain degree: Voice command Board.

Certificates

o Big Data and Data Analytics Certificate by Emory University 2020
o Business Intelligence Certificate by Emory University 2020
o Web Design and Development, Mexico, 2012.
o Customizing Share Point Product & Technologies, Mexico, 2007.

Professional Experience

Mathnasium - The Math Learning Center   **2019 – Present**
Instructor
• Teaching math using Mathnasium based programs. Evaluate and document student progress. Develop rapport with students and establish a fun learning environment.

Freelance, Mexico   **2013-2015**
Full-stack developer

- Web and Desktop Application: *Query System to Agriculture Support Programs Operating Rules*, design UI and front end functionality using HTML, JavaScript and MySQL.
- Web and Desktop Application: *Time Tracking System*, design UI and front end functionality using VS.Net and SQL Server.
- Designing and developing Website, portal and Admin portal for Agrojoseman using Dreamweaver and MySQL.
- Designing and developing Website, portal and Admin portal for the Language Center GLOSSAK using dreamweaver and MySQL.
- Designing and developing Website, portal and Admin portal for ENIME using Dreamweaver.
- Designing and developing Website, portal and Admin portal for Bitegix using VS.Net.

Filadelfia University, Mexico   **2013-2015**
Professor
University at the South of Mexico with 26 years of experience and a well recognized Education Institute by different private companies. (https://universidadfiladelfia.edu.mx)
- Teaching IT related subjects such as Calculus, Statistics, Programming and Information Systems. Evaluate and document student progress.

Ministry of Agriculture, Mexico   **2010-2013**
Data Engineer
The Ministry of Agriculture is a Federal Executive branch, which promotes support policies that allow better production, better use of the advantages of Mexican agricultural sector.(https://www.gob.mx/agricultura)

- Design, document, build, test and deploy data pipelines that assembled complex datasets from various sources and integrated them into a unified view to manage agricultural producers data.
- Design, and implement operational improvements: automating manual processes, data quality checks, error handling and recovery, re-designing infrastructure as needed.
- Perform data profiling and analysis to assess data quality patterns, created data cleansing rules using SQL Server, conforming FAO of the UN data standard rules.
- Delivering reports and insights with data and maps from ArcGIS 10.2

Hernan Cortes University, Mexico   **2009-2010**
Professor
University at the South of Mexico with 23 years of experience.(https://www.uhc.edu.mx)
- Teaching different subjects IT related such as Information Systems and Communication Systems. Evaluate and document student progress.

Thyssenkrupp Industrial Solutions (México)   **2004-2007**
Full-stack developer
Thyssenkrupp Industrial Solutions (México) is one of the world's leading companies in the field of heavy plant engineering. With a workforce of approx. 500 employees and an engineering capacity of more than 800,000 hours/year, with more than 40 years local presence in the petrochemical, chemical, pharmaceutical, food, manufacturing, cement and mining industries.(https://www.thyssenkrupp-industrial-solutions.com/mexico)

- Reducing the operation cost of employee time tracking, reporting and task management by 80% less with the "Time-Sheet" application that another team member and I developed from scratch using Visual Studio .Net 2005 and SQL Server 2005.
- Improving the stationery processes with the application "Papelerial" that I proposed and developed using VB.Net 2005.
- Training more than 200 employees on the proper use of developed applications.
- Write SQL stored procedures, functions, triggers, constraints for databases using SQL Server 2005.

- Design and develop maintenance database plans.
- Develop schedule, assigning resources to tasks and tracking progess of projects using Microsoft Project.
- Migrate databases and applications from Microsoft Access to VB.Net 2005 and SQL Server 2005.
- Provide architectural, design, coding, and database guidelines to ensure the quality of applications.
- Perform code review and provide coding best practice recommendations.
- Mentor junior developers.

TV Azteca Television, Mexico   **2001-2004**
SQL developer
TV Azteca is one of the world's two largest Spanish-language television content producers. It operates four national television networks in Mexico through more than 300 stations. (https://www.gruposalinas.com/en/tv-azteca)

- Write SQL stored procedures, functions, triggers, constraints for very large databases using SQL Server 2000.
- Query to millions of records.
- Evaluate and interpret requirements to design, develop and implement appropriate solutions.
- Design databases using Erwin Logic.
- Delivering reports using IBM Cognos Impromptu.