

Oscar Suarez Nava

SYSTEMS AND COMMUNICATIONS ENGINEER

¡Hello, nice to meet you!

My professional career developed is based on skills from the software programming field. Making usability of languages such as **Python**, **Java Script**, **SQL**, and **Machine Learning**.



Values, Virtues



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54473, Isidro Fabela
Edo. Méx.

Websites, Profiles

github.com/OscarSnva15

Languages

Español (Mex)

Nativo.

Inglés (AmE):

Nivel medio, B1

Skills

PYTHON

JAVA SCRIPT

SQL, MySQL

JUPYTER NOTEBOOK

EXCEL

GIT/GITHUB

CLI/ CMD

CI

Values, Virtues

Responsible., Proactive.,

Collaborate., Good humor.,

Respect., Empathyl.,

Pleasure in doing tasks.

Work Experience

Full stack web developer (Python, Java Script, SQL)

BMSA Group | July 2022 - January 2023

- Development of software **Requirements/Modules**, following step by step the plans outlined in a **Scrum methodology**.
- Creation of each aspect of the user interface (**UI/IX**). Development of **API REST FULL** for the consumption of **Microservices**.
- Version control using **GIT/GITHUB** versioning system **Validations** for accessibility effects and data transfer with **JSON Web Token**.
- Creations of **logical architectures of relational databases and non-relational databases**.
- Development and learning of projects using the **Django framework, Laravel Framework and PHP** language.

Database administrator (DDL, DML, SQL)

BMSA Group | January 2023 - August 2023

- **Relational Database Management**, Creation of Data Structures (**DDL**), Data Manipulation (**DML**), Optimization of **SQL Queries**, **Data Security Management**, **Monitoring and Maintenance**, **Process Automation**, **Problem Resolution**, **Collaboration** on Projects Development, **Data Governance**.
- Supervision of database performance at **Johnson & Johnson** and execution of maintenance tasks, such as **backup** and **data recovery**, as well as optimization of procedures and **SQL queries** for the accessibility of **server resources**.

Data analyst(ETL, ELT, SQL)

BMSA Group | August 2023 - Currently

- Used statistical tools such as: **Excel**, **SQL** and **Python** to analyze data and generate useful **business health reports**, and **dashboards**.
- Maintenance and secure treatment of clinical data stored in the databases of different clients such as: **J&J**, **Pepsico**, **BIMBO**, **HSBC**, **WALMART**, **CARS JR.** among others.
- Creation of clinical dashboards in the field of web development, using **HTML**, **CSS**, **Java Script**, **SQL**, **PHP** together working on **MVC architectures**.

Machine Learning (ML)

C.U Uaemex. | July 2022 - November 2024

- Application of **K-NN algorithm**, **Exploratory Data Analysis**, **Model Design and Training**, **Model Evaluation and Optimization**, **Data Set Management**, **Results Visualization**,
- I supervised and directed the ongoing development of my final thesis project, using **algorithms of machine learning** and **workflows** to manage eco-demographic predictions.
- I investigated the background of the problem to be solved, to implement the appropriate software that solves the needs required in the **predictions**.
- Spatial data integrated into micro business environments through **extraction**, **transformation** and **loading** processes.

Education

College of Scientific And Technological Studies

Technical degree in Computer Programming | January 2015 - August 2018

Educational platform Udemy, Kaggle, Carlos Slim

Study records; Python, JavaScript, Git, Machine Learning. | September 2018 - July 2021

Educational chain Open English

Study records B1 level english | November 2023 - Currently

Autonomous Mexico State University

Degree Systems and communications engineer | August 2018 - July 2022