

Gustavo Garcia Sanchez

Python Backend
Developer

Contact

Phone

+52 554 044 2952

E-mail

ggs220996@gmail.com

Skills

Python: Python Core, Data Structures, OOP, Flask, Django, FastAPI, Pandas, Pytest.

AWS: EC2, S3, Lambda, API gateway, RDS, DynamoDB, Redshift.

DBs:MySQL, PostgreSQL, MongoDB.

Web: ReactJs, VueJS, Django

Other & tools: Git, github, gitlab, Unix, Agile.

Education

2014-08 - 2020-06

Bachelor in Computer Engineering
IPN ESCOM - Mexico City

2011-08 - 2014-07

Associate in Programming
IPN CECyT 9 - Mexico City

Passionate Python Developer with experience working remotely with cross-cultural and global agile teams. Comfortable developing software with multiple technology stacks and deploying to cloud services.

Work History

2022-08 -
Present

Backend Developer

improvado.io, San Francisco, CA, Remote

- Build no-code tools for marketing reporting and campaign monitoring.
- Integrate 3rd party APIs to fetch data with different authentication mechanisms.
- Process big quantities of data and store them into different databases.
- Analyze and develop logic for new reports.
- Maintain old logic of reports adding new metrics and fields.
- Create unit tests to verify data integrity mocking 3rd party APIs as well as testing added features.

2021-08 -
2022-08

Backend Developer

Flink, Mexico City, Remote

- Create and run unit tests for DRF legacy code with pytest.
- Develop new features in the existing DRF codebase.
- Maintain code and fix incidents reported by the QA team.
- Develop microservices with FastAPI that connect to existing codebase, consuming 3rd party APIs, and saving data to PostgreSQL databases.
- Containerized microservices with Docker and Docker compose.
- Created pipelines to deploy into EC2 and Lambda with Gitlab CI/CD.

2021-02 -
2021-07

QA Lead for Data Analysis Dept

Tata Consultancy Services, Guadalajara, Remote

- Create python scripts to read and validate data from Excel files.
- Help on development of automated testing scripts for ETL jobs that transferred over 10k records.
- Execute complex SQL queries to extract records from different databases to CSV files for further analysis.
- Worked primarily with banking data assets and followed successfully all security standards.
- Followed quality standards and procedures to minimize errors and maximize customer satisfaction.
- Rejected defective products and approved correct products.
- Gave quality standard training for new and existing staff.

2020-08 -
2021-02

Data Engineer Jr

Tata Consultancy Services, Guadalajara, Remote

- Worked with AWS S3, and Glue to perform ETL jobs to Amazon Redshift as target.
- Analyzed complex data and identified anomalies, trends and risks to provide useful insights to improve internal controls.
- Developed, implemented, supported and maintained data analytics protocols, standards and documentation.
- Collaborated with Development team on ETL tasks, maintaining data integrity and verifying pipeline stability.

2019-01 -
2019-08

IT Consultant

ABC Medical Center, Mexico City

- Verified implementation and compliance of ITIL practices.
- ITIL admin in ServiceNow
- Member of Change Advisory Board, helped reviewing and contributing ideas on business changes.
- Managed Incidents and changes as helpdesk.
- Extract data from ServiceNow as excel files to perform analytics with python scripts.
- Created JS scripts to plot graphs to visualize data and generate weekly reports on performance.

2014-11 -
2016-01

Web Developer

PuntoZip, Mexico City