José Luis Esteban Rodríguez González

Software Developer

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Experienced Senior Software Developer knowledgeable about backend development. Veteran programmer fully-versed in Python, Django Rest Framework and adept at completing projects according to best practices.
Currently, learning German and Russian.

Skills

Python	■■■■■
Django Rest Framework	■■■■■
Programming	■■■■■
API Development	■■■■■
Code fixes	■■■■■
GNU/Linux	■■■■■
Docker	■■■■□
AWS	■■■■□
GCP	■■■□□
SQL	■■■■□
Git	■■■■□
Javascript	■■■□□

Work History

2021-05 – 2022-09 **Senior Software Developer**
Accion Labs, Remote, Mexico

- In charge of insurance rules implementation on the system with Python

- Worked along with team lead and team mates defining and improving work to do.
- Maintained and enhanced the plataform with new features.

2020-03 – 2021-03   ### Senior Software Developer

Framework Science, Remote, Mexico

- Designed architecture and chose stack for new platodrm based in Django 2.2 and PostgreSQL.
- Dockerized platform for local development.
- Lead backend team.
- Managed Google Cloud services such as App Engine and SQL cloud.
- Discussed project progress with customers, collected feedback on different stages and directly addressed concerns.
- Gathered and defined customer requirements to develop clear specifications for project plans.
- Consulted with engineering team members to determine system loads and develop improvement plans.
- Adjusted design parameters to boost performance and incorporate new features.
- Coordinated with frontend team to integrate, evaluate and improve platform.
- Met with project manager and team members to provide detailed project reports and milestone updates.
- Trained new developers and programmers on company standards for design and review.

2019-03 - 2020-03   ### Senior Software Developer

GoExpedi, Guadalajara, Jalisco

- As the very first national employee, helped to define development flow and methodologies.
- Maintained and extended E-Commerce platform based in Shuup and Django.
- Implemented communication between platforms through Redis.
- Lead backend team for Django based platform development.
- Discussed project progress with customers, collected feedback on different stages and directly addressed concerns.
- Consulted with engineering team members to determine system loads and develop improvement plans.
- Created and implemented development strategies for impactful projects.
- Adjusted design parameters to boost performance and incorporate new features.

- Consulted regularly with internal customers on application development project status, new project proposals and software-related technical issues.
- Met with project manager and team members to provide detailed project reports and milestone updates.
- Trained new developers and programmers on company standards for design and review.
- Conducted technical interviews for new potential employees.

2017-12 - 2019-03   ### Senior Software Developer
Unosquare, Guadalajara, Jalisco

- Developed DAGs for pipelines based on Apache Airflow and AWS Redshift.
- Improved performance by 40% incorporating binary libraries written in Golang with built-in ctypes interface in Python. In some cases, up to 200%
- Met with project manager and team members to provide detailed project reports and milestone updates.
- Consulted regularly with internal customers on application development project status, new project proposals and software-related technical issues.
- Developed new features for Django based platform.
- Learned React.js basics to participate on internal projects.

2017-09 - 2017-12   ### Senior Software Consultant (3 Months Project)
AgaveLab, Guadalajara, Jalisco

- Generated custom reports for managers with nbconvert and Jupyter.
- Helped with migration from web.py to Django.
- Consulted regularly with internal customers on application development project status, new project proposals and software-related technical issues.
- Authored code fixes and enhancements for inclusion in future code releases and patches.

2016-10 - 2017-09   ### Software Developer
ComproPago, Cuauhtémoc, CDMX

- Designed new product elements such as banking website scraping botnet for payment retrieval with Python, Flask, Pandas and AWS EC2.
- Found vulnerabilities of banking websites for payment retrieval.
- Developed microservices for payment retrieval.
- Developed Python modules.
- Collaborated with project managers to select ambitious, but realistic coding milestones on pre-release software project development.
- Revised, modularized and updated old code bases to modern development standards, reducing operating costs and improving functionality.
- Performed software testing to uncover bugs and troubleshoot issues prior to

- Coordinated with project management staff on platform development timelines and project scope.
- Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs and enhancements.
- Created test automation scripts written in Python.

Used technologies:

Python, AWS Lambda, AWS EC2, Flask, MongoDB, Redis, Pandas. DynamoDB

2014-10 - 2016-09   **System Administrator**

COBREC, Juárez, CDMX

- Developed internal management systems and tools, such as cloud storage implementation, internal web pages and user's activity monitoring.
- Worked with end customers to understand needs and provide appropriate solutions.
- Participated in continuous improvement by generating suggestions, engaging in problem-solving activities to support teamwork.
- Maintained and repaired IT equipment to achieve operational readiness, safety and cleanliness.
- Asterisk server setup and monitoring.
- Network monitoring.

Used technologies:

Python, CherryPy, Linux, Asterisk, OwnCloud

🎓 Education

2007-08 - 2012-08   **High School Diploma**

CECyT 3 Estanislao Ramírez Ruíz - Mexico
- Specialized in Computer Science.
- Member of Theatre Club.
- Chess tournament finalist.

2018-01 - Current   **Bachelor of Science: Mathematics**

CUCEI - Jalisco

2012-08 - Current   **Bachelor of Science: Computer Science**

Escuela Superior De Cómputo IPN - CDMX
- Studied 2 years.

🏆 Accomplishments

- Found vulnerabilities in world-class bank websites and used them to integrate company payments retrieval microservices trough a botnet.

- Successfully completed CRM project within budget and ahead of schedule.
- Employee Number 1 at GoExpedi Mexico.
- Gave a workshop "Hacking with Python: Writing a Reverse Shell" at BSides GDL 2020

Affiliations

- Official Golang GDL staff member.
- Official PythonGDL staff member

Languages

Spanish	■■■■■
English	■■■■□
German	■■□□□
Russian	■□□□□

Certifications

2014-03   Linux Administrator

2015-06   RHEL Administrator

2017-09   Management Skills Development

2020-07   High Performance Teams Management

Interests

Clean energy

Space

Math

Software

Guitars

Music Production