





# JORGE PALACIOS

SYSTEMS ENGINEER | SOFTWARE DEVELOPER

## CONTACT

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## SKILLS

Django  
DRF  
Redis  
Docker  
PostgreSQL  
HTML  
JavaScript  
CSS  
Analytical thinking  
Bilingual  
Interpersonal communication  
Easiness to learn new technologies  
Attention to details

## EDUCATION

**Bachelor's Degree in Systems Engineering**  
**Universidad De Oriente**  
2009-2018

## LANGUAGES

English   
Spanish   
French 

## PROFILE

System Engineer with 5 years of experience in Python and Django. Proven ability to design, develop, and deploy scalable and reliable software systems, track record of delivering mission-critical systems on time and within budget. Expertise in system architecture, software design, software development tools, and testing. Experience in a variety of industries, including healthcare, finance, and manufacturing. Strong problem-solving and analytical skills.

## WORK EXPERIENCE

### Python / Django Engineer - Backend

Digitech 2022-2023

- Developed and maintained a large-scale Python Django application to manage the inventory system from a client's company.
- Successfully led a team of engineers in the development of a new feature that increased user engagement by 80%.
- Built a new web application that automated the company's customer onboarding process.
- Collaborated with a team of engineers to develop a new mobile application that increased user engagement by 70%.
- Developed the back-end of the application, ensuring that it was scalable and reliable.
- Contributed to the design, development, and testing of the application.
- Developed a web and mobile application that provided GPS tracking services and automated features for setting and changing freight statuses for a large transportation company.
- Used the Google Maps API to provide real-time tracking of freights.
- Implemented a system for users to view and manage freights.
- Tracked the performance of the application to ensure that it was meeting the needs of the transportation company.
- Successfully implemented the application and improved the efficiency of the transportation company's operations.
- Responsible for database modeling, table changes and migrations management with Django ORM and PostgreSQL.
- Added new features using Django Rest Framework classes.
- Ran and deployed Docker containers using docker compose.
- Configured nginx servers to meet the needs of the applications.
- Deployed APIs in development using ssh keys to the server in order to be consumed.
- Integrated Firebase WEB Push features into an app to increase user engagement and improve communications with company's clients and workers as well.
- Implemented a system for users to opt-in to receive push notifications.
- Used Firebase WEB Push to send targeted notifications to users, based on their tasks and activities.

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## EXPERTISE

- Systems Design
- Systems Integration
- Requirements Analysis
- Systems Engineering Management
- Systems Thinking
- Model-Based Systems Engineering
- Complexity Management
- Risks Management
- Configuration Management
- Quality Assurance
- Maintainability
- Verification and Validation
- Budget Management

## REFERENCES

### Engr. Jesus Hernández

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✉️ [jesus9529@gmail.com](mailto:jesus9529@gmail.com)

### Engr. Julio Valderrama

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## WORK EXPERIENCE

### Systems Engineer - Software Developer - Web Design

JUVA

2018-2022

- Defined the system requirements for a new software application, ensuring that they met the needs of the business and users.
- Developed high-level system designs that outlined the architecture of the application and the interactions between its components.
- Collaborated with stakeholders to gather requirements and refine designs.
- Successfully completed the system requirements and high-level system designs, which were used to guide the development of the application.
- Interviewed stakeholders to gather their requirements.
- Analyzed the requirements and developed a list of functional and non-functional requirements.
- Presented the system designs to stakeholders for review and feedback.
- Interface with assigned project teams to ensure that system designs meet requirements.
- Performed systems integration and validation for a new software application, ensuring that it met the requirements and was ready for deployment.
- Support system deployment and transition to operations.
- Successfully completed the systems integration and validation, which allowed the application to be deployed and used by users.
- Created detailed system design specifications, including component level designs.
- Led a team of engineers in the development of a comprehensive web-based application that integrated business management, online shopping, human resources, communications, and online payment features.
- Managed the team's work from conception to deployment, ensuring that the application met the needs of the business and was delivered on time and within budget.
- Assigned tasks to team members and tracked their progress.
- Communicated effectively with the team, stakeholders, and end users.
- Delivered a high-quality application that met the needs of the business and exceeded the expectations of users.