

Juan Carlos Rodríguez

Backend Developer

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Software engineer with extensive experience in development with Python, Java, Javascript, and PostgreSQL with Scrum and TDD methodologies who has worked with large companies as well as with startups. I am a team player always ready to give my best.

Skills

Programing languages	Python, Javascript, Go
Web Development	Flask, Django, BeeGo
Data bases	Postgresql (AWS Redshift & Aurora), Redis
Data Engineering	Apache Airflow, AWS Athena
Other frameworks	SqlAlchemy, Celery, Protobuf
Reports	Birt, ReportLab Toolkit
Visualization	MatplotLib, Bokeh
CI/CD	GitHub Actions, Docker, Docker-Compose, AWS CodeArtifact
Methodologies	OO Analysis & Design, Pattern oriented development, Test driven development and Scrum

Languages

Spanish	Native
English	Intermediate B2

Work History

March 2020 –	Team International , US/Colombia Company
Current	Technical leader/Sr Software developer in two projects:

- **Zilliant:** Tech leader, Scrum Master. Consolidate the development and QA team for a new product using pure Python and Aurora(Postgresql), creation of the CI/CD pipeline with AWS S3 and AWS CodeArtifact.
 - **Cox2m:** Software developer with Python and AWS Aurora PosgreSql. Developing new features, build analisys tools and support for a IoT platform with the biggest deployment of the LoRaWan protocol.
- December 2018 – **MightySignal**, US Company
- January 2020 – Software developer with Python, Ruby , React and Apache Airflow with AWS Firehose, Redshift and Athena. mightysignal.com is a mobile data analysis and application index company that enables businesses to make sense of data patterns generated by mobile app companies. I've helped the company developing new features in the front and back end, as well as in the data analysis using Apache airflow to orchestrate the data processing.
- April 2018 – **Arrivedo**, US/Peru Company
- November 2018 – Team Leader, Software developer with Python, Flask, Go and Angularjs with RethinkDb technologies. www.arrivedo.com is a Content curator company oriented to hotels and travelers, I've helped this company with: Improvements in workflow, implementation of best practices, develop of new features in front and back end, bug fixing and a little bit of DevOps in AWS.
- Nov 2016 – **LendingFront**, US/Colombia Company
- March 2018 – Backend developer, Software developer with Python, Flask and Postgresql technologies. www.lendingfront.com is a Fintech company oriented to loans for small business, I've helped this company in: Improvements in performance of the platform, implementation of amortization algorithms for loans, develop of new features in front and back end and bug fixing..
- April 2015 – **PanTrek**, US/Colombia Company
- August 2016 – Co Founder, CTO, Software developer with Python, Django, Celery, Postgresql and AngularJs technologies. PanTrek was founded with the idea of helping the travelers to purchase bus tickets across Latin America. As a co founder I built the platform from scratch, make technical decisions, lead a team of 2 developers and perform technical hiring. I was also involved in business decisions as well as presentations to potential customers.
- February 2013 – April 2015 – **Yuxi Pacific Latam**, Colombia Company
- Team leader, Sr software developer with Java, Javascript and Marklogic technologies. Projects: Development of the CMS for the OPTICAL SOCIETY OF AMERICA (OSA) with Marklogic and XML documents; Develop of adapters for scientific documents searching using Java, HTTP and XML parsers and query standardization using tree data structure; Maintenance of the application for the company APEX SUPPLY CHAIN SOLUTIONS using Java EE, Javascript, Struts 2 and Oracle database.

Education, Affiliations and Volunteering

2003–2010 **Bachelor's degree in Systems Engineering**, *Universidad del Magdalena*, Santa Marta, Colombia

2017 **PyCon Colombia 2017**, *volunteer*, Colombia,
<https://2017.pycon.co/>

2017 **Django Girls Medellin**, *Couch, volunteer*,
Colombia, <https://argentinaenpython.com/django-girls/2017/06/medellin/>