

YADIR VEGA ESPINOZA

Data Engineer / AWS - AZURE - GCP

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📍 San José, Costa Rica



WORK EXPERIENCE

Software Engineer | Remote

FREELANCE

📅 Jan 2016 – Dec 2019 📍 Cartago Costa Rica

- Application deployment, infrastructure orchestration, container management, database management, network management, Ansible integration with CI/CD tools such as Jenkins, GitLab CI, to automate steps in the development pipeline.

Sr Data Analytics Executive | Remote

LMT CONEXUS-GROUP

📅 Jan 2020 – Oct 2022 📍 San José, Costa Rica

- Business Analyst & Data Visualization (Power BI & Tableau) and ETL Developer (R & Python).
- Prediction using machine learning techniques, forecasting, risk modeling, automation and optimization of reports (Scripting, Task scheduler, SMTP / POP server).
- Implementation and deployment of data projects in the cloud.
- Data segmentation, use of algorithms such as Naive Bayes classification, random forests, logistic regression, ARIMA, K-Means, K-Medoids, support vector machines, PCA, RFML (recency, frequency, monetary, latency).
- Manage and meet with external client portfolios about current and new projects.

DATA ENGINEER | Remote

COOPELESCA R.L

📅 Oct 2022 – Today 📍 San José, Costa Rica

- Azure and AWS cloud data engineering. DevOps, DataOps, Scrum, Data evolution.
- CI/CD Pipelines, docker and kubernetes, shell and bash, ETL, Terraform, CloudFormation (JSON/ YAML), SQL and NoSQL DB.
- Times series database (InfluxDB, TimescaleDB).
- Query and data management with Oracle SQL and Oracle PL-SQL.
- Webservices (Soap and Rest) developer.
- .NET C# developer.
- Data modeling with Power BI services, data processing with Apache Spark. Advanced analytics.
- Development and maintenance of Cloud Data Warehouse with Postgresql.
- Data lake (Amazon S3, ADLS Gen2).
- Loggin with azure, log management, Grafana.
- Strong programming skills and design patterns with languages such as python, Java, C#, Javascript, Dart and PHP.
- Testing tools such as Postman/Insomnia, Selenium, SoapUI.
- Solutions based on data lake architectures such as traditional, lambda, Kappa and Lakehouse.
- Cloud Data Engineering (IaaS, PaaS, SaaS).
- Compliance to frameworks (GDPR, HIPAA, PCI, SOX).

KEYWORDS

Data Ingestion IaaS CI/CD
Microservices & Automation
Databricks Cloud services
Containerized Data & Software Solutions
Governance & Security
Load Balancers for high availability

EDUCATION

Bachelor's Degree in Mathematics & Computer Sciences

Instituto Tecnológico de Costa Rica.

📅 2016 📍 Cartago, Costa Rica

E-LEARNING CERTIFIED

Azure Data Engineer Smart Data Certified
Azure DevOps Smart Data Certified
Data Lakehouse Databricks Certified
Scrum Fundamentals Certified
Machine learning: Data Science con RStudio
Power BI Services
Python data science and risk modeling
Azure Data Engineer Oracle PL-SQL
Data engineering with Apache Spark

REFERENCES

Luis Carlos Quesada Rodríguez. / Data Scientist at Coopelesca R.L

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