

Software engineer

- Currently **software designer/architect** having **Business** needs translated to **Histories, Features** and **Tasks** for development team. Also involved in **code revision** and **Pull Requests approval**.
- Currently involved in the **design** and the **development** of a centralized **blockchain** whitelabel **wallet** built on **python (5 year experience)** for the backend, **Bazel** for compiling, **GitHub** to review code, **Google Cloud** to run **Kubernetes** microservices based on **Google Datastore & Protobuf v2**.
- Currently both Agile developing and deploying **Python** and NodeJs microservices/**Restful API's** using **MongoDB, Redis and PostgreSQL** with **Docker & Azure Kubernetes Services**.
- Code analysis and recommendations to the development team for improvements when applications fail or their performance is not as expected.
- Currently working with **Jenkins** and GitLab for **applications deployment**. Notifications are sent to Slack and bug issues are sent to Jira as **level 2 tickets**.
- Virtual Network provisioning on Nokia's Nuage platform with **Ansible, python** and **linux** bash scripting.

Professional Experience

Mar 2021 – Present **LAToken: Python developer and product design, Trading API, DexWallet, Sales Support**

- Whitelabel centralized wallet: Backend.
 - Create python APIs and shell scripts to run in Google Cloud using Protobuf v2, Dockers and Kubernetes.
 - Translate product needs to backend requirements.
 - Github was used for continuous integration, project compilation using bazel and team management.
- DexWallet:
 - Created MVP for decentralized blockchain wallet for Android based on AlphaWallet fork after doing Product Matrix Analysis.
- Backend support for sales team:
 - CRM integration with internal processes built on python and Pandas..
 - Compare business partners trading data with other exchanges to detect gaps among exchanges and send tickets to the sales team when big gaps occur.
 - Design and implement together with the CTO the continuous integration platform (Jenkins + GitLab + Jira) and container deployment support on AKS.
 - Reducing technical debt by introducing SonarQube for quality code assurance.
 - Support on production apps.
- Trading data analysis:
 - Develop low latency APIs for trading using Flask and Python and grafana dashboards for statistics.

Mar 2020 – Mar 2021 **TransferSouth International: software architect & DevOps engineer.**

- Design, develop and deploy projects from scratch on Flask and Django as full stack developer.
- Implement Docker and Azure Kubernetes Service.
- Process automation using bash and Python.
- Develop models for Algorithmic Trading (trading bots) on C# and Visual Charts.

May 2018 – Mar 2020 **Everis: Software development engineer.**

- Orange Belgium:
 - Flask portal for provisioning Fiber To The Home installations. Full stack.
 - Quality assurance integration using Jenkins, Protractor for NodeJs as automation testing framework and Jira for ticketing.
- Telefonica de España project:
 - Ansible implementation for both virtual and legacy (old infrastructure) networks provisioning: provisioning time and cost was reduced in 80% approx.
 - Nokia's Nuage platform for virtual network provisioning bug fixed: virtual servers provisioning was guaranteed for major corporate accounts by fully automated provisioning process using python and ansible.

Dec 2017 – Apr 2018 AaronFC: Java developer for trading systems..

- BBVA Bank (short project):
 - Market simulator developed in Java and based on FIX messaging protocol.

Dec 2013 – Mar 2019 Entrepreneur & family business.

- NailFactory Franchise business owner
- Create a custom CRM system on PHP and MySQL that help to increase customer fidelity and gain control on the business. Full stack.

Oct 2011 – Jun 2014 MEGA 4X: IT Director

- IT Consultant for Print Service Providers (PSP)

Jan 2008 – Oct 2011 InfoPrint Solutions

- Senior IT Consultant and Printing Solution Architect.
- Built the first automated printing factory in Europe in 2010.

Education and Qualification

2018	Scrum Master short course
2017 - 2018	Quantitative Systems for algorithmic trading at Universidad Politécnica de Madrid
2007 - 2008	Project Management at Universidad Pontificia de Salamanca
1995 - 2001	System Engineering at Universidad Metropolitana / Venezuela

IT Skills

Ubuntu Linux, Ansible, Git, Jenkins, Docker, Kubernetes, Microsoft Azure, Power BI, Python, NodeJs, Java, JavaScript, C#, Android, Troubleshooting, SQL, NoSQL, Rest API integration

Languages

English – Fluent

Spanish – Native