



Alvaro Lamadrid

SOFTWARE ENGINEER

Languages

Spanish
English

Contact

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Code Examples

[Vue Github](#)

[React Github](#)

[Express Github](#)

[ERC20 and Staking Github](#)

[AMM Router Github](#)

[AMM Factory Github](#)

Summary

Professional, hardworking and multifaceted. I currently work on RestAPI and web application development using products from GCP, AWS, JavaScript, Python, React, VueJS, NodeJS, Google Firestore, SQL and NoSQL. With my experience in I.T. and Virtualization, I can also work server side and with computer networks.

Work Experience

MSP Recovery LLC 2022 – 2023

Software Engineer

- Maintenance and debugging of REST APIs using Python, Flask and SQL to handle CRUD operations.
- Mitigated operating system command injection vulnerabilities.
- Configuration and modeling of infrastructure resources using AWS CloudFormation.
- I worked on modern applications built serverless-first.
- I used serverless services for the three layers of an application: computing, integration and data storage.
- Meeting with development managers to discuss software projects.
- Defining and running multi-container Docker applications.
- Project management and incident tracking with Jira.

MacguyverTech 2022 – 2022

Software Engineer

- Developed and maintained user interfaces and features with HTML, CSS, JavaScript, VueJS, Vuex, and Vuetify.
- Maintenance and debugging of REST APIs using NodeJS, Express and SQL to handle CRUD operations.
- Built reusable User Interface components.
- Used web technologies to bring design concepts to life.
- Worked with clients to develop the overall look and feel of web applications.



Awards and Projects



Celo "Build it Mobile Hackathon"
Best latin-american team



Figment Learn "Build a dApp Tutorial Hackathon"
2nd Place



United Farmers
Founder Developer

Learning Continues



The Interchain Developer Academy
Cosmos ecosystem

digica LLC

2020 – 2022

Senior Systems Engineer

- Developed user interfaces with Javascript, React and Redux.
- Developed and tested Smart Contracts using Solidity and Hardhat.
- Version control using Git, Github and Bitbucket.
- Documented how to build dApps.
- Support of small business computing environments in Miami and Broward counties.

Florida Power & Light

2019 – 2020

Systems Engineer

- Support, administration and implementation of RedHat Enterprise Linux 7 environments (virtual and physical).
- Support, administration and deployment of Windows Server 2008 R2, 2012, 2012 R2 and 2016 (virtual and physical).
- Configuration and maintenance of server management cards, such as the Cisco Management Card (CIMC – WebUI and CIMC CLI) and IBM Management Module (IMM – WebUI and CLI).
- Implementation of operating system hardening techniques to keep the Linux, Windows, and ESXi environments in compliance with vendor best practices.
- Automation of processes and execution of scheduled tasks using Cron jobs, Bash, Python and PowerShell.

DraftPros INC

2016 – 2019

Senior Systems Engineer

- Implementation and supervision of virtualization environments built on Xen Server, Proxmox and KVM/QEMU.
- Implementation and supervision of CISCO ASA firewall and VPN.
- Work experience with CentOS, Debian and Ubuntu for virtualization servers.
- Support and design of Windows Server 2016 environments, managing roles such as DHCP, DNS, IIS and RDS.
- Experience working with block-level storage technologies like iSCSI and file-level storage like SMB and NFS using FreeNAS.



Office2Go and Business
Solutions

2015 – 2016

Systems Engineer

- Support and design of the client's computer network infrastructure.
- Introduced XenServer and HyperV for virtualization.
- Level 3 technical support.
- Maintain Windows Server 2003 – 2012 environments.
- I introduced Open Source Monitoring with Zabbix to the business and we started providing it to our customers.

M10 Digital

2014 – 2015

I.T. Specialist

- Support of small business computing environments in Miami and Broward counties.
- Entry level web developer (HTML, CSS and JS).
- Monitor and Analyze backups of critical infrastructure.
- Level 1 and level 2 technical support.