
Abrahan Diaz

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WHO AM I

I currently serve as a Senior System Administrator for an international data center company hosting tens of thousands of servers. I am exceptionally talented at data parsing and diagnostics, with strong emphasis on Linux Servers. I have both backend and frontend web experience.

EDUCATION

University of South Florida

Tampa, FL

Bachelors of Science Information Technology

Graduated December 2022

EXPERIENCE

Hivelocity

Tampa, FL

Senior System Administrator

September 2021-Ongoing

- Built search engine for company that allows them to keep track of all online tools that we depend on from zero
- Developed extensive expertise in **HTTP**, **DNS** and email
- Built monitoring system for companies backup infrastructure integrating **SOAP** api, with a custom build **database**, backend web server and frontend web design
- Handled and participated in several data center outage mitigation and recovery, including through natural disaster (Hurricane Milton 2024, 3 day outage)
- Manually reverse **PHP** malware from clients servers
- Build **VLAN**, assign IPs, diagnose networking infrastructure
- Manage and configure hardware and software firewalls
- Performed several hundred server migrations, and thousands of site migrations. Built **Bash** scripts for this purpose
- Oversee international data center and direct remote hands to fix problems
- Diagnose thousands of hardware server issues
- Develop expertise in log parsing, with very strong **awk** and **grep(regex)** skills
- Primary point of escalation for any database related issue because I have extensive experience in both designing and administrating databases
- Manage Data Center level virtualization software with Apache CloudStack(**QEMU**) and **VMWare** VSphere hosting several hundred **VPS** each
- Manage hypervisor servers **ESXi**, **Proxmox** and **HyperV**
- Worked with **HIPAA** Health data(HIPAA certified)
- Managed and configure thousands of backup solutions for servers

MIT Computers

Tampa, FL

Technical Support

May 2016-October 2017

- Contract IT services and computer repair
- Maintained Windows, OSX and Linux computers and offer contract work for small businesses

iSecure

Cape Coral, FL

Technical Support

August 2015-May 2016

- Deployed office computers, networks and servers

- Repaired and maintained computers and phones
- Deployed power and ethernet cables

Marine Corps

Corporal

- 1341 Engineer Equipment Mechanic
- **Team Leader**

MCRD San Diego, CA
May 2010-August 2015

SKILLS

Linux

- Senior **Linux** administrator with deep understanding of the **Unix** system architecture(emphasis on RHEL and Ubuntu)
- Advance **data parsing** with extensive knowledge of **grep, sed, awk, find** and the other less(including **less**) common data parsing tools
- Complete knowledge of Basic Regex, Extended Regex and Perl **Regex**
- Advance **Shell scripting** with programming and algorithms background. I have spent the last two years living inside Linux terminal from work and hobby
- **Vim** and **Neovim** user

Database

- Database administration managing thousands of **LAMP** servers for a bare metal hosting datacenter
- Designed Database Schema from zero
- Adherence to **Normal Forms**
- Proficient with **SQL** including DDL, DML, TCL, DCL and most importantly DQL
- Advance **ETL** skills derived from my natural talent for data wrangling
- Interacting with **REST, SOAP** and building scrappers including **Selenium**
- Real world experience with security and backup management

Programming

- Proficient in **Java**(10k+ lines)
- Proficient in **Python**(10k+ lines)
- Familiar **PHP**(3k lines)
- Intermediate **C#**(2k+ lines)
- Strong **Algorithms and Data Structure** knowledge based

Web

- Proficient in **HTML, CSS** and **JavaScript**(10k+ lines)
- Proficient **Web Scraper** from Python and Curl
- Extensive knowledge of **HTTP/SSL/DNS**
- Managing and configuring **Apache** and **Nginx**
- **REST** and **SOAP** API

Misc



- Intermediate knowledge of both **Cisco IOS** and **JunOS**. I did basic administration for switches and routers including bonding ports, setting up **VLANs** and monitoring system health
 - Over 5 years of **hardware** knowledge from phones to servers from my time in computer repair and datacenter administration
 - **Data center** administration including monitoring CRACs, setting up IPMI and Spyder and datacenter security training
 - **AWS** knowledge in CloudFormation, **EC2** and S3
 - **Version Control**, specifically **Git**
 - **IOT** knowledge from school to my own hobbies with Arduino and RaspberryPis
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