Efrain Benavente

Senior NPI Test Engineer

venak5@hotmail.com

Summary

Strong test and technical background and proven ability to drive and coordinate teams including vendors and suppliers. Knowledgeable in the use of computer systems in a business and consumer environment, and the use of typical peripherals and software applications Hardware infrastructure skills -- Working knowledge of RAID, iSCSI, SAS and Fibre Channel,Blades,Blade Chassis. Working knowledge of Windows (2003, 2008, etc.) and Linux (RHEL, SUSE, etc.) environments Working knowledge of virtualized environments (VMware, Hyper-V, etc.) Software Development Skills --- Languages: Python, C#, C, php, Ruby Web development: Front end Bootstrap, Foundation, JSON, Jquery, HTML,CSS, HAML,ASP,PHP,Ruby on rails, Basic Angular JS Back end Node, Apache, IIS, Rails, Basic Django DB: Mysql, SQL, Basic Mongo DB, Active Record Revision Control: Git, GitHub Cloud ---------- AWS(EC2, ROUTE53, Elastic IPs,S3) C9.io Heroku Basic Azure

Experience

Senior NPI Test Engineer at   Foxconn

June 2009 - Present (6 years 10 months)

  • Responsible for developing all the test scripting necessary for NPI product testing as well as end user webpage interfaces to interact and report information about specific platforms. • Worked Developing test plans and creating and executing test cases as well as creating entrance and exit criteria for various test phases. • As NPI Test Engineer introduced more than 50+ products that included 11g and 12g generation products from Dell Enterprise. • Coded a vast variety of scripts that were related to testing, from extracting PPID from a unit, to executing web services in Python. • Developed an NPI Dashboard Webpage with FPY Reports and Failure Analysis, using Mysql, PHP, JavaScript and CSS • Developed a webpage to connect via SSH to a Blade Chassis to send commands an update CMC firmware dynamically. Developed in ASP.net and SQL • Developed a USB-Serial connector program to read the ports assigned by Windows and inserted the values read from windows to a .ini file , Developed in C. • Developed a webpage to Bind Serial Numbers to Cisco Switches and returned the bound serial numbers using Stored Procedures. • For Storage an entire infrastructure for testing had to be developed in which included different types of servers like R710 and R610 with Windows Server 2008 and Windows Server 2003. A Rack with the type of server needed had to be implemented and depending on the type of Storage Controller an external controller had to installed.

Systems Engineer at   SEDI

January 2008 - May 2009 (1 year 5 months)

Responsible for maintaining the databases, the software, and the serve. Also responsible for the web page design for the company. Use of apache web server to host the CRM application, with Ubuntu Linux server edition LTS also to host the web page of the company, utilizing the apache web server and javascript.

Systems Engineer at   IVRI

January 2007 - March 2009 (2 years 3 months)

Responsible for maintaining all the hardware related components and updating the different SMT Equipment Used. Such as MPM Screen Printers, Sony Pick and place machines. Mantain and design the company's website

Lead Technical Analyst, I/T Specialist at   IVRI

March 2005 - March 2007 (2 years 1 month)

Worked on product planning and prototyping on Scientific Atlanta . Set up a firewall and LAN for a series of pick and place machines SONY E1000 SONY F130 used on the manufacturing industry, controlling each machine by using only a computer and real time monitoring for errors, feeders, and also making backups of the machine data. Repairing MPM Screen printers by replacing the industrial case, backplanes, hard drives, and fixing the boot, upgrading the old MS-DOS system to new systems, backing up the hard drive

Courses

Senior NPI Test Engineer

Foxconn

Imparted Basic & Intermediate Python

Projects

Dell PowerEdge VRTX Introduction and Testing

March 2013 to Present

Members:Efrain Benavente

DELL 12th Generation Servers

January 2012 to Present

Members:Efrain Benavente

Featuring Intel® Xeon® processors E5 family, Dell™ PowerEdge™ 12th generation servers can offer up to 61 percent increased performance over previous generation Dell servers, so your entire company can get more done in less time.   You can also get up to 18 times more Microsoft® SQL Server® transactions per second when you use PowerEdge Express Flash Storage solid-state drives (SSDs) (directly connected to the CPU and memory bus). These PCIe (PCI Express) SSDs help to accelerate database, ERP (Enterprise Resource Planning) and I/O (input/output) performance, enabling you to turn data into valuable information faster.

Languages
English

Skills & Expertise
Testing
Linux
Hardware
Operating Systems
SQL
TCP/IP
Python
MySQL
Troubleshooting
JavaScript
Windows Server
Servers
VMware
Apache
Databases
Manufacturing
Web Services
Virtualization
Microsoft SQL Server
C#
ASP.NET
Perl
Regular Expressions
Ubuntu
Hyper-V
Software Installation
Test Planning
Product Development
Test Cases
iSCSI
Infrastructure
Web Design
RAID
Unix
Java
Networking
C
asp
ASP.NET MVC
Fedora
PHP

WordPress
Storage
Windows
Scripting
Github
GIT
Software Development
Django
Data Center

Education

The University of Texas at El Paso

Bachelor of Science in Computer Science, Computer Science, 2002 - 2008

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Linked in

Contact Efrain on LinkedIn