

# Youssef Essaoui

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## Education

### Wentworth Institute of Technology

Boston, MA

- B.S. Computer Science.
- Graduated Cum Laude.

## Relevant Skills

- 17+ Years of UNIX experience, including Linux (RH, CentOS, SuSE, and Debian).
- Possess 13 Years of SAN Storage Engineering.
- Diverse technical background with a strong ability to adapt in a fast paced environment.
- Experience in testing Software as a Service (SaaS)
- Performed all aspects of software quality assurance, development of test plans and test cases, unit, integration and acceptance testing.
- Work closely with WebUI and platform team in resolving and testing REST API calls and overall product functionality.
- Ability to learn new technologies very quickly based on previous extensive experience.
- Highly motivated, creative and committed to job objectives.
- Experience with complete line of HP/Compaq/Dell/IBM Servers, Blade systems, SAN switches and Storage arrays.

### Storage Arrays:

HSG80,EVA,MSA,XP "2/4/8Gb", 3PAR, IBM v3700, Dell EqualLogic, Hitachi Data Systems HDS

### SAN Infrastructure:

Qlogic, Emulex, Brocade, McData, Cisco, Mellanox

### Storage Software:

OpenView SMA, Secure Path Multipathing  
Service Guard, Snapshot/Cloning applications,  
SAN Management Appliance Element Manager.

### Software Tools:

Selenium, Bugzilla, Jira, TestLink, Postman,Iometer  
Swingbench, Jenkins, Kuberbetes, oVirt,Opentack

### Operating Systems:

Windows, Linux (Red Hat, SuSE, Mandrake and Ubuntu), Solaris, HP-UX, AIX.

### Virtualization:

VMware, XEN, VirtualBox, Microsoft Hyper-V,  
AIX VIOS, KVM, Docker, Kubernetes

### Programming Skills:

Javascript, Perl, PHP, Shell, python and Ansible

## Experience

2014-Present      **ACTIFIO**      Waltham, MA  
**Principal Quality Engineer**

- Lead QA engineer for Oracle testing for Actifio Sky and SVC appliance.
- Performed all aspects of software quality assurance, development of test plans and test cases, unit, integration and acceptance testing.
- Testing of all functionalities to qualify Oracle 11g, 12c, 18c and 19c with Actifio products.
- Manage database systems in FS, ASM RAC and Stand-Alone environment.
- Prepare, maintain and present progress and results status reports throughout the qualification cycle to appropriate leadership teams.
- Provide and review documentation and write-up with FAQ, white paper and feature best practices.
- Responsible for driving the test strategy, test software automation, product assurance and overall quality.
- Problem-solver who persistently follows up until issue is resolved. Exceptional troubleshooter.
- Automated OS installs, software configuration and installs for ASM and Stand-Alone servers for Oracle 11g, 12c and 18c.
- Work closely with WebUI and appliance teams in resolving and testing REST API calls and overall functionality.
- Strong aptitude for learning new technologies
- Experience in testing Software as a Service (SaaS)

2012-2014      **IBM**      Marlboro, MA  
**Advisory Systems Engineer**

- Involved in regular project review meetings and Testing Status meetings.
- Resolve customer Emulex Network/FC Linux issues by guiding field service engineers and support teams.
- Define and implement test scenarios to validate functionality of Netezza systems.
- Contribute to the definition, design and building of new Netezza solutions.
- Post and close bugs for each phase into Jira/RTC defect tracking systems.
- Setup and configured DHCP, KS, and PXE server for automated system builds.

2011-2012

DELL

Nashua, NH

**Quality Engineer**

- Develop, review and improve existing test plans and test cases.
- Partner with engineering in planning test coverage for new platform and new features.
- Document server and storage problems and resolution for future reference.
- Install and configure clustered Linux systems (including RedHat and CentOS) for testing against Linux HitKit and iSCSI Dell/EqualLogic storage arrays.

2008-2011

Hewlett-Packard

Andover, MA

**Systems/Software Engineer - Switch Engineering**

- Lead project, test planning and test execution for new FOS firmware releases.
- Responsible for all aspects of the quality assurance of HP storage software and hardware products: project scoping, initiating, developing test plans and executing.
- Experienced in installing, configuring and testing (FC) Fibre Channel and SCSI based disk arrays, tape libraries, SAN switches (BES), FCoE, CNA and HBAs.
- Developed and executed test plans to qualify HP storage arrays with new firmware and software releases.
- Replicate and solve customer escalations.
- Supervise and assist a team of QA functional test engineers in Bangalore, India working on multiple projects.
- Manage test lab environment and test schedules.
- Responsible for posting new switch FOS firmware and release notes on hp.com website.
- Responsible for testing SAN management software products including, SWCC, OpenView SMA and DCFM.
- Manage and order hardware budget.

2001–2008

**Compaq/Hewlett-Packard**

Marlboro, MA

**Systems/Software Engineer - HBA Engineering Linux**

- Upgraded all UNIX and Window servers in the test lab with the latest FC controllers. Installed new operating software/patches, device firmware, adapter driver and test tool applications for the qualification and testing of new FC controllers and/or drivers.
- Test and deliver kits: Project-lead the Testing, Verification and Release Engineering phase of Platform Solution Kits for Linux, including *StorageWorks* for EVA, XP, HSG, and MSA across multiple architectures(x86 and ia64).
- Wrote and modified system level test cases, procedures and configuration diagrams for the successful test and qualification of any new FC/CNA adapter.
- Performed validation (Release Engineering) and wrote test reports upon project completion.
- Met strict release deadline dates for every software/hardware project.

1998–1999

**The McGraw-Hill Companies**

Lexington, MA

**Network Assistant Manager**

- Supported the entire Technology department in maintaining and configuring LAN/WAN technologies, e-mail, Ethernet systems, Internet, and intranet accounts.
- Installed and maintained Novell operating systems.
- Participated in the wiring and upgrading of the company's LAN network system. Team successfully reduced operations time by 60% for several functions.
- Helped design the company's intranet Web Page: using Dreamweaver, FrontPage, FireWorks, JavaScript, ASP and VbScript.