

**JOSHUA MICHAELSON** 1819 LiPeePee St #201 Honolulu, HI (203.554.8061) [josh@michaelson.net](mailto:josh@michaelson.net)

## Summary

Current D.O.E (L) Security Clearance.

## Professional Experience

Senior Systems Architect & Engineer  
Kamehameha Schools, Honolulu HI

[www.ksbe.edu](http://www.ksbe.edu)

11/11 – Present (Valtech Solutions)

- Subject Matter Expert & Lead Technical Architect for projects within the Kamehameha Schools ITD.
- Assessment of projects including Technical Design, project timelines and milestones for numerous projects.
- Lead implementation engineer for 20+ projects such as Sharepoint 2010, Cognos, WWW, Project Server 2010, SFTP, etc.

Data Center Architect & Systems Engineer  
Hawaiian Telcom, Honolulu HI

[www.hawaiiantel.com](http://www.hawaiiantel.com)

09/10 – 09/11 (Direct)

- Designed & implemented a next generation data center including a hot site DR strategy for this 9<sup>th</sup> largest ILEC telcom
- Implemented VMWare 4.1 and 5 as well as Hyper-V using HP c7000 blade chassis & Netapp FAS3270 SAN storage.
- Managed and upgraded parts of ED-140 fiber controller, EVA 8100, CX-500, Equallogic & NetApp SAN devices.
- Implemented & maintained Exchange 2010, SCCM, SCOM, DPM, App-V, Med-V, SQL2k8, AD2k8, Citrix XenApp 6.5.
- Implemented Sharepoint 2010 and Business Intelligence (BI) and completed migrations out of MOSS environments.
- Complete migration strategy & implementation for 750 physical servers in two production DC's into a virtual setting.
- Deployed 2250 Windows 7 images using SCCM and tied in application packages using App-V.
- Subject matter expert and lead engineer for system and application migration paths on all product lines.

Senior Network & Systems Engineer

[www.spr.doe.gov](http://www.spr.doe.gov)

U.S. Dept of Energy (Strategic Petroleum Reserve) New Orleans 07/09 – 08/10 (GeoCent)

- Implementation and migration project specialist for the federal government in New Orleans, Louisiana.
- VMWare 3.5 migrations and vSphere integration on HP EVA 8100 series SANs with Proliant G5 servers.
- Cisco 6512 & 3509 configuration & cat 3750 swap for larger 8 gig backbone within the datacenter.
- 2008r2 (64bit) AD migration, cleanup, and branch caching between data center and alternate DC in Dallas.
- Sharepoint MOSS 2007 & WSS 3.0 migration strategies out of Documentum & Konfig.

Senior Systems Engineer, Project Technical Lead  
Hawaiian Airlines, Honolulu HI

[www.hawaiianair.com](http://www.hawaiianair.com)

08/08 – 06/09 (TaTa Consulting)

- Implementation and migration project specialist for this industry leading airline.
- VMWare 2.5 to 3.5 architect and lead systems engineer utilizing esXpress and Akorri with 500 virtual servers.
- Symantec eVault 8.0 architect and engineer archiving Exchange 2k3 & 2k7, PST migration, Sharepoint, File Services.
- Office Communications Server 2007 implementation for internal users as well as pioneering in-flight communications.
- Sharepoint WSS 3.0 & MOSS 2007 architect, implementation, migration and administration.
- Server data encryption architect and engineer using Vormetric CoreGuard devices.
- Enterprise wide laptop encryption architect and engineer utilizing Guardian Edge technology.
- NT4 domain decommissioning and datacenter consolidation utilizing P2V and physical replacement.
- EMC CX340 & CX500 SAN storage engineer with fiber switching between VM & physical servers.
- Cisco PIX, ASA, 6509, 6512, 3509, 3030 VPN configuration and integration.
- Corporate public facing project lead delivering project plans to project managers and board members.
- Payment Card Industry (PCI) and Sarbanes-Oxley (SOX) compliancy engineer.

Independent Network & Systems Consultant

[www.michaelson.net](http://www.michaelson.net)

Michaelson.net & San Diego Computer Consulting, SD CA

07/02 – 08/08

- Continued client based IT/Web/Software/System & Network administrator in San Diego and Monterey.
- 3<sup>rd</sup> party Corporate sub-contractor specializing in planning, disaster recovery, business continuity & high availability.
- Windows 2k3, 2k, XP, Vista, NT4, Linux, Unix & full service Microsoft software developer.
- Project management for Exchange 2k3 & 2k7, SQL2005, SharePoint, KVS Vault, Symantec Backup Exec/Netbackup/AV integration.
- Cisco, Juniper, Netscreen/Checkpoint, Enterasys, Fortigate, Steelhead, Peribit & MPLS circuit integration.
- VMWare Infrastructure Suite Engineer (ESX, HA, DRS, VMotion, Ranger & VirtualCenter).
- Contracts held with DonJoy Orthopedics, Lawrence Berkeley National Laboratories, AT&T, Great Western Mortgage, DOD.

Network Engineer & Project Manager

[www.northropgrumman.com](http://www.northropgrumman.com)

Northrop Grumman, CACI, AT&T, San Diego CA

03/07 – 7/07 (TekSystems)

- Massive multi-tier project to move all San Diego County systems & networks to secure locations in Plano, TX & Tulsa, OK.
- Performed numerous & complex migrations from CheckPoint to Juniper firewalls using MPLS, VLAN, VTP, VIP, MIP & NAT.
- Cisco MARS/LMS/ASA/PIX/VPN (6500, 4500, 3750, 3030) hardware & configuration implementation.
- Documentation specialist based on project and archiving purposes.

**Joshua Michaelson**

Senior Network &amp; Systems Engineer

Arrowhead General Insurance Agency, San Diego CA

[www.arrowheadgrp.com](http://www.arrowheadgrp.com)

07/06 – 02/07 (TekSystems)

- VMWare ESX 2.5 to 3.0 migration. Clustered Exchange 2k3 Enterprise created for production in VM & Physical.
- Live Communications Server 2005 implementation for internal communications between corporate groups.
- Clustered SQL2k5, KSVVault, SharePoint, Active Administrator & HP OpenView implementation for production in VM.
- Citrix Metaframe 4.0 Administration & Support in conjunction with a Novell 5 backend & AD incorporated permissions.
- HP DL385 & HP StorageWorks 6000/8000 EVA SAN setup & support using FalconStor for HBA connectivity.
- Corporate takeover of a 130 user site including full network, AD, security, ShoreTel VOIP & Netware integration.
- Cisco PIX, 6500, 4500, 3750 & CheckPoint firewall redesign & administration. (MPLS, BGP, OSPF)
- SAP CRM application setup (ERP, NetWeaver) & SOA CRM project management for Oracle & SQL database administration.

Senior Network Administrator

Synteract.com, Carlsbad CA

[www.synteract.com](http://www.synteract.com)

03/06 – 07/06 (TekSystems)

- NT4.0 Domain to Windows 2003 AD migration including a child domain with over 1700 accounts.
- Exchange 5.5 on NT4 to Exchange 2003 on 2k3 server migration including new OWA setup.
- VMWare 3.0 build for Exchange 2k3 & SQL2005 in a clustered format while EMC SAN attached.
- High level, detailed and concise documentation presentation packages.

Senior Network Engineer

Hansen Quality (Fidelity National Financial), San Diego CA

[www.hanqual.com](http://www.hanqual.com)

01/04 - 02/06 (Direct)

- Full time engineer for this high demand, fortune 100 real estate appraisal corporation.
- Windows 2k to 2003 domain conversion including AD/OU/GPO control.
- Redundant EMC SAN CX600/700 & LUN design with replication control using Navisphere.
- Redundant Cisco PIX, CSS, VMS, LMS, NAM, IDS, VPN & Router control.
- Citrix Metaframe 3.0/4.0 rollout/upgrade with CAG, Web Interface & Secure Gateway implementation & control.
- Backup Exec 9.1 to 10 then Netbackup 5.1 to 6.0 rollout/upgrade & job/tape maintenance on Adic tape arrays.
- Symantec Corporate Network Security for servers, workstations & Exchange.
- Co-Location Disaster Recovery for all services & applications integrated failover using MPLS networks.
- Dell PE Server series with OpenManage, APC environmental, Brocade & McData fiber switching.
- 4 node MSCS cluster administration for Exchange, SQL, Backup & File services.
- IBM Websphere, Track-IT, MS Application Center, WSUS/SMS, ScriptLogic Desktop Authority rollout & control.
- VMWare ESX 2.5, GSX, Ranger & Virtual Center implementation & control.
- Sarbanes-Oxley (SOX) compliancy engineer.

Systems &amp; Network Engineer

Vicuron formerly Versicor Inc (RHIC), Oakland CA

[www.vicuron.com](http://www.vicuron.com)

09/01 – 07/02 (Robert Half Technology)

- Specialized security systems & network engineer for Versicor, Inc.
- Complete migration from NT4 to 2k between two domains using Active Directory.
- Refined backup architecture for multiple platforms.
- Domain management including IIS, DNS, DHCP, VPN, user, print & file libraries.
- Solaris & Redhat Integration within network & NMR (Nuclear Magnetic Resonance)

Systems Engineer &amp; IT Specialist

Games.com (Hasbro, INC), Alameda CA

[games.com](http://games.com) [hasbro.com](http://hasbro.com) [atari.com](http://atari.com)

02/00 – 02/01 (Direct)

- Systems Administrator for a portal web community by Hasbro (now Infogrames).
- Performed backend server/network upgrades of all hardware & software.
- Implemented ingenuity & creative network design in working environments.
- ISP CoLo liaison between Staging & Production environments.
- Intranet Development & Solaris Database Coordinator.
- Network Security & Exchange support for over 300 users/developers using Unix, Windows & Mac platforms.

Network Administrator

Micro Data Solutions, Ramsey NJ

[www.microdsi.net](http://www.microdsi.net)

02/99 – 10/99 (Direct)

- Architected and Performed ISP relocation (Ground Zero to Rollout).
- Configured network connectivity for corporate and private clients for this leading private ISP in Northern NJ.
- Administrated DataCenter environments (NT, IIS, ASP, Radius, PostOffice, Eudora, Backups, Unix, BBS, FTP, Cisco, Nortel).
- Projects (DSL, Security, VPN, Nationwide Access, Software Development, Statistics, Logistics, & Online Entertainment).
- Provided Technical Support (Analog, ISDN, DSL, Frame-Relay, Email, Web, OSPF, BGP, ).

**Education**

Sage College of Albany, MIS/CS, Sports Medicine, NY - Syracuse University, MIS, NY

Hudson Valley C.C., CS/Business, NY - Columbia High School, East Greenbush, NY Business Honors, June 1992