

Alex Sulsky

(917) 913 6586 ♦ alex.sulsky@gmail.com

2727 Revere St, Houston, TX, 77098

BRIEF

Information security architect with broad experience building, protecting and automating distributed systems. I'd like to use my past experience to pursue a role in network security consulting, or sales engineering.

EXPERIENCE

Digital Crafts

Student

September, 2017 - January, 2018

Houston, TX

Accelerated School for Software Engineering - Full Stack Immersive Program

- Introduced to application development using popular JavaScript and Python frameworks such as NodeJS, jQuery, React, Express, Flask, Tornado.
- Worked with Postgresql and Firebase databases.
- DevOps with AWS, Heroku, Dokku and Git.
- Built and deployed web applications using the above tools.

Macquarie Bank Ltd.

Network Security Engineer

May, 2015 - April, 2017

Houston, TX

- Built out and supported private and public cloud mail delivery system built around F5's LTM load balancers and GTM DNS servers.
- Third level support for F5 LTM, GTM & APM products.
- Built out monitoring and reporting using Splunk and other off-the shelf systems, e.g. SiteScope.
- Built a web app to report on F5 LTM configuration and status using F5's iControl API.
- Worked with internal threat researchers to contain discovered exploits via custom rule-sets in McAfee Intrushield IPS.
- Managed Checkpoint, Palo Alto firewalls and Aruba ClearPass NAC.

Texas Children's Hospital

Data Security Architect

October, 2011 - May, 2015

Houston, TX

- Developed security standards, advised leadership and technical staff on security risks and best practices.
- Served on the "Architectural Review Committee" to approve the design of proposed IT systems, create technical standards and advise policy.
- Built an application delivery system around F5's BIG-IP technologies using Global and Local Traffic Managers.
- Set up a centralized multi-factor, risk-based authorization system for web app and MS Exchange clients with a mix of F5's Access Policy Manager (APM) and RSA's Adaptive Authentication.
- Set up F5's APM as the hospital's central identity provider for accessing cloud-based services.
- Protected web applications with F5's Applications Security Manager and SourceFire IPS.

- Built a DDOS mitigation scheme by peering with ISPs and incorporating Arbor's Pravail APS.
- Developed baseline security configurations for MS Windows 7, Linux & AIX systems along with popular applications like MS Office, Internet Explorer & Firefox applications on NIST and CIS Benchmarks.
- Set up Symantec's Control & Compliance Suite to audit system compliance to configuration standards.
- Set up a meaningful risk assessment and reporting practice through the integration of Symantec's CCS with Symantec's Data Leak Protection, Endpoint Protection, and Rapid 7's Nexpose vulnerability scan results.
- Set up phishing campaigns using Rapid 7's Metasploit.
- Ran popular security tools including Checkpoint and Cisco firewalls, BlueCoat forward proxies, Rapid 7's and and RADIUS AAA servers.

Texas Children's Hospital

Enterprise Systems Engineer - Contract

May, 2011 - October, 2011

Houston, TX

- Worked on improving Microsoft Active Directory Services, PKI, and Microsoft Exchange systems.
- Third level support for RightFax, Blackberry, ActiveSync, MAPI, and RPC-over-HTTP clients.
- Integrated Wifi authentication with MS Active Directory through RADIUS & 802.1x capable APs.
- Automated common MS Exchange and MS Outlook administrative tasks through VBScript and PowerShell.

Alvarez & Marsal

System Engineer

February, 2007 - November, 2010

New York, NY

- Lead for MS Active Directory and MS Exchange.
- Planned and ran an Exchange 2007 upgrade that involved a move to VMWare virtual hosts and a new storage network around EMC's Clariion systems.
- Set up a mail system that minimized MS Exchange failover and disaster recovery times by integrating VMWare's Site Recovery Manager with EMC Clariion snapshot and mirroring services.
- Created detailed continuity and disaster recovery plans for MS Exchange, DNS and web services.
- Managed encryption tools: PGP, Bitlocker, EFS, and Safend.
- Built data center storage systems for Exchange, VMWare, file share, and backup around EMC Clariion.
- Built branch office storage systems around FreeNAS, and HP StorageWorks.

Katzenbach Partners LLC

Systems & Networking Lead

December, 2002 - September, 2006

New York, NY

- Designed a highly available, multi-office WAN through dedicated inter-office frame relay links, backed by IPSec VPNs over the Internet.
- Led all Network, MS Active Directory and MS Exchange-related work.
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- Worked with vendors to integrate MS Exchange with Avaya VoIP system.
- Designed a multi-homed data center by way of BGP-peering with two ISPs.

- Built a multi-site WLAN around Cisco APs and 802.1x authentication by MS Active Directory.
- Secured systems, firewalls, and networking equipment using NSA, NIST, and vendor guidelines.
- Migrated from 3M /Motorola/Intel network to Cisco switches and routers.
- Managed SonicWall/NetStructure, and Cisco firewalls and VPN concentrators.
- Set up detailed network monitoring.

Comtex

Desktop, Server Support

1997 - 2001

New York, NY