

# 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

September, 2017 - January, 2018

*Student*

*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.

May, 2015 - April, 2017

*Network Security Engineer*

*Houston, TX*

- Built out and supported private and public cloud mail delivery system built around F5's LTM load balancers and GTM DNS servers. This permitted shifting email delivery and mail client access around local and regional issues
- Final level of support for F5 load balancers and proxies as well as F5's APM network access control suite.
- 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

October, 2011 - May, 2015

*Data Security Architect*

*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 common OS's and applications on NIST and CIS Benchmarks.
- Set up Symantec's Control & Compliance Suite (CCS) 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.

### **Texas Children's Hospital**

May, 2011 - October, 2011

*Enterprise Systems Engineer - Contract*

*Houston, TX*

- Worked on securing, managing and upgrading MS Exchange along with its ecosystem of products.
- Third level support for MS Exchange infrastructure including Server and Storage clusters, Exchange Transport, Client Access, Mail Storage Group and database troubleshooting and restoration from backup. Authentication and authorization for email submission and relay, SPAM filtering and Transport encryption - TLS enforcement. Mailbox rebalancing across storage groups and databases. Mailbox recovery and litigation support.
- Last level of 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 scripts.

### **Alvarez & Marsal**

February, 2007 - November, 2010

*System Engineer*

*New York, NY*

- Planned 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.
- Ran MS Exchange day to day operations.
- Managed encryption tools: PGP, Bitlocker, EFS, and Safend.

### **Katzenbach Partners LLC**

December, 2002 - September, 2006

*Systems & Networking Lead*

*New York, NY*

- Led all MS Active Directory and MS Exchange-related work.
- 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*