Alex Sulsky

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BRIEF

Information security architect with experience building, protecting and automating resilient, distributed systems.

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 web-application and email delivery systems based on F5 LTM GTM load balancing proxies.

- 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 authentication system for websites with a mix of F5's Access Policy Manager (APM) and RSA's Adaptive Authentication.

- Installed and configured F5's SAML-capable proxy to allow SSO with third-party applications.

- 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.

- Ran popular security tools including Checkpoint and Cisco firewalls, BlueCoat forward proxies, Rapid 7's and and RADIUS AAA servers.

- 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 improving Microsoft Active Directory Services, PKI, and Microsoft Exchange systems.

- Integrated Wifi authentication with Active Directory through RADIUS & 802.1x capable APs.

- Automated common administrative tasks through VBscript and PowerShell.

Alvarez & Marsal   February, 2007 - November, 2010

Systems Engineer   *New York, NY*

- Lead for MS Active Directory and MS Exchange.

- Created detailed continuity and disaster recovery plans for messaging, DNS and web services.

- Minimized disaster recovery times by integrating VMWare's Site Recovery Manager with EMC Clariion snapshot and mirroring services.

- Managed encryption tools: PGP, Bitlocker, EFS, and Safend.

Katzenbach Partners LLC   December, 2002 - September, 2006

Systems & Networking Lead   *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.

- Designed a multi-homed data center by way of BGP-peering with two ISPs.

- Built a multi-site WLAN around Cisco APs and Active Directory-based authentication.

- Automated desktop deployment using Microsoft's Remote Installation Server and distributed filesystem storage.

- Secured systems, firewalls, and networking equipment using NSA, NIST, and vendor guidelines.

- Managed SonicWall/NetStructure, and Cisco firewalls.

- Migrated from 3M /Motorola/Intel network to Cisco switches and routers.

- Set up detailed network monitoring.

Comtex   1997 - 2001

Desktop, Server Support   *New York, NY*