


# Anthony Sokolik

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## Summary

Experienced information technology security professional. A diverse background in desktop and server technologies provide a strong foundation to design, architect, implement, and support existing and new solutions in the Single Sign On (SSO) and Identity and Access Management (IdAM) space. Comfortable leveraging current authentication and authorization technologies such as SiteMinder (formerly CA Single Sign On), Symantec Secure Web Gateway (formerly CA Application Gateway), Ping Federate, and Ping Access.

Proven track record of partnering with other stakeholders to provide solutions that fit the problem in a secure and safe manner both as a leader and an individual contributor

Skilled in Identity Access Management, OAuth/OIDC Based Solutions, SSO Solutions, Solution Architect, MFA Solutions, Voice Biometric Authentication, API Service Orchestration, SPAs/Microservices /APIs Security, Workforce VPN/VDI Solutions, Self Service Password Reset, Enterprise Initiatives, Client Relations Management, Engineering Concepts.

## Experience



### **Enterprise Engineer Senior / Vice President**

PNC

Jun 2018 - Present (5 years 3 months)

Enterprise Engineer Senior for Identity and Access Management (IAM) for internal workforce and customers (CIAM) utilizing CA Single Sign On (formerly SiteMinder), Ping Federate and Ping Access solutions to provide secure authentication to design and support a cohesive IDAM (Identity and Access Management) strategy and solutions.

Instrumental in the design and architecture of workforce and customer facing instances to transition from legacy solutions (SiteMinder). Involved in multiple deployments, upgrades, and integrations of the Ping Platform leveraging standards such as OAuth, OIDC, and SAML as a leader and contributor to projects. Use of scripting languages such as Python and Bash to maintain and report on the environment utilizing several APIs, including the Ping Administrative APIs. Assist in integration with other systems such as LDAP, biometrics (e.g. voice with Daon Voice Gateway Services), multi-factor authentication (MFA), device fingerprinting, and risk analysis products. Leveraging GIT for version control of scripts and configuration files.

Familiar technologies: PingFederate, PingAccess, PingOne, PingID, PingID SDK, PingCentral, Oracle DB, LDAP, Ping Directory, Apigee, Daon, AWS, Azure, Splunk, Humio, Dynatrace, Git, Linux, RADIUS, and Jenkins



### **Senior Analyst / Banking Officer**

M&T Bank

Jul 2014 - Jun 2018 (4 years)

Responsible for maintaining, supporting, and implementing Identity and Access Management (IAM) solutions using single sign on (SSO) connections to internal and external resources utilizing CA SiteMinder. Configure, and maintain SiteMinder Policy Servers on Solaris and Red Hat Enterprise Linux (RHEL) as well setup and configuration of the Web Administrative UI (WAMUI). Configure and maintain Identity federation using SAML 2.0 and SAML 1.1 with Ping Federate. Configure, support, and implement integration of CA SiteMinder agent software on Windows 2003, 2008, and 2012, Red Hat Enterprise Linux (RHEL), AIX, and Solaris servers utilizing Internet Information Server (IIS) and Apache web servers.

Architect and implement new authentication and authorization systems leveraging technologies and industry standards such as SAML 2.0, OpenID, and OAuth. Deploy CA Privilege Access Manager. Design and architect new instance for Customer Identity and Access Manager (CIAM) with SiteMinder for new customer facing portal.

Familiar Technologies: Siteminder, IdentityMinder, PingFederate, Oracle DB, Ping Directory, BASH, CA PAM, LDAP



## **Senior Network Support Engineer for M&T Bank**

nTech Workforce

Feb 2014 - Jul 2014 (6 months)

Responsible for maintaining, supporting, and implementing Identity and Access Management (IAM) solutions using single sign on (SSO) connections to internal and external resources utilizing CA SiteMinder. Configure, and maintain SiteMinder Policy Servers on Solaris and Red Hat Enterprise Linux (RHEL) as well setup and configuration of the Web Administrative UI (WAMUI). Configure and maintain Identity federation using SAML 2.0 and SAML 1.1 with Ping Federate. Configure, support, and implement integration of CA SiteMinder agent software on Windows 2003, 2008, and 2012, Red Hat Enterprise Linux (RHEL), AIX, and Solaris servers utilizing Internet Information Server (IIS) and Apache web servers. Architect and implement new authentication and authorization systems leveraging technologies and industry standards such as SAML 2.0, OpenID, and OAuth. Deploy CA Privilege Access Manager

Familiar Technologies: Siteminder, IdentityMinder, PingFederate, Oracle DB, Ping Directory, BASH, CA PAM, LDAP



## **Systems Engineer**

Leisure Living

Dec 2012 - Feb 2014 (1 year 3 months)

Responsible for effective provisioning, installation/configuration, operation, and maintenance of systems hardware and software and related infrastructure. Ensures that system hardware, operating systems, software systems, and related procedures adhere to industry standards.

Responsibilities also cover: documentation, daily system monitoring, user level support, system backups, system recovery, hardware purchasing and configuration, vendor management, peripheral support, directory storage and printers, patches, antivirus and antimalware, and management of help desk personnel.

Accomplishments Include:

- Architect and deploy new Enterprise Anti-Virus Solution

- Architect and deploy VMWare ESXI Virtualization Implementation
- Architect and deploy VOIP Phone System Implementation
- Architect and deploy Monitoring of Critical Infrastructure Servers

Familiar Technologies: CentOS, HP Proliant, VOIP, Monitoring, Windows, VMWare, SAN, Anti-Virus, MySQL, Cisco



## Desktop Analyst

### Fast Switch

Jun 2012 - Nov 2012 (6 months)

Provide technical support for full-time remote clients. Also provide inventory management support, including receiving disbursements and disposal.

- Track inventory movement in Altiris and Clarify.
- Meet or exceed defined service level targets.
- Manage Active Directory Domain, including GPO, account administration, and file permissions
- Responsible for utilizing Veritas Backup Exec to manage tape backups
- Assist in management of VMWare virtual machines
- Fully document all related activities associated with problem resolution, service requests and projects utilizing Clarify tracking tool.
- Image, configure, deploy, and maintain hardware and software.
- Provide training and technical phone support in the use of deployed hardware and software.



## Desktop Support Consultant for Bank of America

### Genesis10

Jul 2011 - May 2012 (11 months)

Provide superior “white glove” customer service experience for Call Relationship Managers for the Mortgage Business. Responsible for support of desktop operating system, hardware, and suite of applications used by the Call Relationship Managers.

Accomplishments include:

- Quickly and accurately resolve all support issues while providing highest level of customer service in a high visibility position. Act as the Single Point of Contact for all escalated issues.
- Interface with other groups in the organization to meet aggressive Go – Live deadlines for the project, including additional setup of hardware and software
- Translating technical concepts into non-technical terms (and vice versa)



## Information Analyst for Delaware North Companies

Mar 2011 - Jul 2011 (5 months)

Implement and support of vendor packaging applications in a Windows environment, including installing, testing and implementing applications, creating technical solutions, completing supporting documentation, working closely with vendors to minimize downtime, troubleshooting system errors, perform system support and maintenance functions

Accomplishments include:

- Coordinating and supporting the implementation of a variety of distributed applications and web technologies in an corporate infrastructure. Experience solving a wide variety of dynamic and complex problems in a high visibility position
- Translating technical concepts into non-technical terms (and vice versa)
- Creating Technical diagrams through the use of Visio



## **Lead Administrator for HSBC Bank**

Iris Software Inc.

May 2010 - Mar 2011 (11 months)

Lead, coordinate, drive the delivery and support of Distributed systems and applications for Insurance and Brokerage departments

Include systems that have MS SQL Server databases, Oracle databases.

Install, configure and support IIS and Web Site configurations

Install, configure and support Client applications

Work with vendors and internal support services on all aspects of a vendor supplied software package

Provide strategic direction, planning, installation, maintenance and support for commercially developed software

Designing, implementing, supporting and troubleshooting MS SQL 2000, 2005 and/or 2008; Experience with SQL 2000 to 2005/2008 upgrades

Installing, configuring and admin of SQL servers

Installing/configuring/ supporting Web applications

Provide support for Data Center migrations, Disaster Recovery Events, system patches and upgrades

Provide support and problem resolution to critical incidents including 24x7 support

Provide support and problem resolution for performance related issues



## **Software Analyst for Life Technologies**

SAIC

Feb 2006 - Mar 2010 (4 years 2 months)

Maintain and support MES (Manufacturing Execution System) and LIMS (Laboratory Instrument Management System) for major manufacturing location for a \$3 billion biotechnology company. Duties include design of infrastructure for new systems as well as deployment and support of the Windows 2000, Windows 2003, and Windows XP servers and clients. Responsible for deployment, support and maintenance of Microsoft SQL Server 2000, Microsoft SQL Server 2005, Oracle 9i and 10g servers on Windows 2000 and 2003. Develop and support custom applications utilizing Perl, HTML, and SQL. Manage third party vendors on various implementation and support projects. Provide 24/7 support for mission critical systems for manufacturing site



## **Senior Engineer for Invitrogen**

Tech Mahindra

Aug 2004 - Feb 2006 (1 year 7 months)

Provided a wide range of site support and system administration duties. Maintained Windows XP workstations and Windows 2000 and Windows 2003 servers, support for Microsoft Office suite (Word, Excel, Powerpoint, Access, and Outlook), support for digital projectors and other audio/ visual equipment. Created and deployed standard images utilizing Altiris Rapid Deploy. Provided

basic telecom support functions including patching of telephone and data extensions and cable manufacturing.

### **Desktop Specialist**

Mar 2004 - Jun 2004 (4 months)

Imaged new desktop workstations with Norton Ghost and deployed to end users in the call center environment of Ingram Micro. Assisted in maintaining inventory records and provided site support functions including support for Microsoft Office suite (Word, Excel, Powerpoint, Access, and Outlook).

### **System Administrator**

Nov 2003 - Feb 2004 (4 months)

Provided desktop support for end user computers at American Allsafe with Windows XP and Microsoft Office (Word, Excel, Powerpoint, Access), Lotus Notes. Maintained accurate inventory records of all equipment. Decommissioned old hardware and systems as manufacturing at the facility was prepared to shut down

### **Systems Technician II**

Jun 2000 - Oct 2003 (3 years 5 months)

Deployed laptop and desktop PC's to Praxair Inc. Utilized Altiris Rapid Deploy to image computers. Managed remote repair depot for North American remote users. Provided site support functions supporting

Microsoft Windows NT 3.51, Windows NT 4.0, and Windows 2000 as well as Microsoft Office (Word, Excel,

Powerpoint, Access) and Lotus Notes; · Maintained a 24 hour turn around for the Repair Depot

· Managed hundreds of pieces of equipment for each deployment schedule with no errors or misconfigurations

### **Systems Technician**

Inacom Information Systems - Salisbury MD

Jun 1998 - Jun 2000 (2 years 1 month)

Trained new technicians as well as help increase service levels while providing Level 2 support in the Help Desk call center for Praxair, Inc. Led group of 10 help desk technicians as well as conducted new candidate interviews as Team Leader responsibility. Provided remote telephone support for laptop and desktop PC's with Windows NT 3.51, Windows NT 4, Windows 2000, Microsoft Office (Word, Excel, Powerpoint, Access) and Lotus Notes

### **Technical Support Specialist IV**

Softbank Services Group

Jan 1996 - Jan 1998 (2 years 1 month)

Provided remote telephone support for a wide range of products including network FAX software, PCMCIA

modems, free e-mail software, and multimedia games

· Authored many knowledge base entries to assist other technicians in troubleshooting technical issues



## **Lead Trainer/Interpretive Naturalist**

The Buffalo Zoo

Jan 1992 - Jan 1996 (4 years 1 month)

Developed new educational presentations including free-flight bird demonstrations and training protocols for new animals. Developed and taught curriculum for new educational programs. Trained other staff and volunteers in a variety of subjects. Maintained Appleshare network throughout facility.

## **Education**



### **Erie Community College**

Computer Science

1992 - 1993



### **Buffalo Academy of Science and Math**

1988 - 1992

## **Skills**

Biometrics • Python (Programming Language) • Bash • Git • Solution Architecture • Communication  
• Analytical Skills • OAuth • PingFederate • PingAccess