

# Matthew Saeger

Experienced Cloud Systems Engineer, UNIX Administrator, Data Analyst, Web Developer, Network Engineer, and IT Consultant

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## Summary

As a certified AWS Developer, AWS Solutions Architect, and AWS SysOps Administrator as well as an experienced Systems and Network Administrator in designing and maintaining on premise and cloud-based hosts, I am looking for a career to take advantage of my current knowledge in the cloud, networking, UNIX administration and data analytics through various business intelligence tools.

## Experience

### Cloud Systems Developer / Engineer

Jun 2017 - Present

Cloudreach, Inc.

- Utilize cloud providers such as AWS in order to migrate clients' in-house infrastructure and applications to the cloud as well as optimize those applications to ensure that they are deployed with hardened security and best practice in mind
- By means of automation, provision and update resources, roles, policies, and network infrastructure.
  - Use proprietary software, as well as troposphere and CloudFormation in order to automate cloud deployments.
  - Work with IAM Users/Roles, AutoScaling Groups, EC2 Instances, ELB's/ALB's, S3 Buckets and VPC's in order to meet project specifications.
- Create and utilize fully automated CI build and deployment infrastructure and processes for multiple projects.
  - Create, consume and manage GitLab repositories with embedded continuous integration scripts to test and deploy changes
  - Manage and deploy GoCD pipelines to manage compliant machine images in AWS.
- Develop and implement solutions enabling Development and Operations teams to build, deploy, monitor and test applications within the cloud environment.
  - Configure and use of AWS native monitoring solutions such as CloudWatch and CloudTrail within client applications.

### IT Applications Developer

Jun 2016 - Jun 2017

The Bank of New York Mellon

- Worked on the Data Analytics team within the Internal Audit department in order to automate, develop models and build visualizations based upon large and blended data sources in order to analyze and recognize valuable trends in data.
- Utilized programs such as Alteryx and Tableau in order to gather, blend, and manipulate large amounts of data from multiple data sources - consisting of anywhere from excel spreadsheets to Oracle, MySQL databases, and other data warehouses.
- Utilized the enterprise-supported virtual machine platform to create necessary hosted resources for the Data Analytics team.
  - Developed department-wide data warehouse and an online, self-service environment for visualization and reporting tools.
    - Deployed SQL Server to support data warehousing and development initiatives.
    - Deployed Alteryx server to automate data gathering and blending from various sources in order to support continuous monitoring initiatives.
    - Utilized Tableau server in order to widely deploy dashboards with both live data connections and data extracts to the department.

### Systems Administrator / CEO

Dec 2009 - Present

Matthew Saeger Networks, Inc.

- Design, implement and manage hosted server applications on a VMWare ESXi and RHEL Architecture.
- Provide effective and functional web designs to customers that meet their business/personal needs.
- Schedule, coordinate and deploy server configuration with automated scripts.
- Plan and build redundancy and backup procedures into existing systems to eliminate downtime.
- Setup network infrastructure capable of handling excessive bandwidth required by services.
- HE.net IPv6 Networking Certification

Consumer Electronics Show Alumni '12 '13 '15 '16 '17

### Technical Advisor

May 2015 - June 2016

Apple

- Worked with and mentored colleagues in order to increase the team performance baseline.
- Created internal training and procedural documentation for emerging issues.
- Understood customers and provided them with troubleshooting steps to reach the best possible resolution.

### Manager

May 2012 - May 2015

HMS Host

- Administered daily operations duties to ensure productivity and operation ran efficiently and profitably.
- Supervised employees of approximately 15 individuals and supported general manager.
- Managed inventory and procured products necessary for day to day operations.
- Trained new associates for new store opening.

## Education

Bachelor of Science in Information Sciences and Technology; Minor: Security and Risk Analysis

2012 - 2016

Pennsylvania State University

Recognized by CNSS (via NSA and DHS) as a Center of Academic Excellence in Information Assurance and Cyber Defense.

-Dual-Enrolled student during senior-year of high school

## Certifications

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**AWS Certified Solutions Architect - Associate**

July 2017 - July 2019

Amazon Web Services

**AWS Certified Developer - Associate**

August 2017 - August 2019

Amazon Web Services

**AWS Certified SysOps Administrator - Associate**

October 2017 - October 2019

Amazon Web Services