



Matthew Saeger

Experienced Cloud Architect, 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 Engineer 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

Senior Cloud Architect

Feb 2019 - Present

Cloud Technology Partners, a Hewlett Packard Enterprise Company

- Designed automated and integrated CI/CD pipelines to build compliant Amazon Machine Images (AMIs) in AWS.
- Created Chef cookbooks to automate VM bootstrapping and configuration.
- Refined network architecture with Palo Alto firewalls in the cloud to meet requirements.
- Conducted assessments of existing technology and processes to gauge readiness for the cloud.

Cloud Architect

Jan 2019 - Feb 2019

Cloudreach

- Architected and integrated automated hub and spoke account model (both multi-account and multi-VPC) Transit VPC with Palo Alto appliances in AWS.
- Fully integrated IDP's such as Centrify with an RBAC (role based access control) model within AWS and connected other SAML applications.
- Built custom automation workflows to deploy compliant applications to instances, Workspaces (VDI's) and AppStream fleets
- Architected, developed and deployed secure, redundant, scalable applications.

Cloud Systems Developer / Engineer

Jun 2017 - Jan 2019

Cloudreach

- Utilized cloud providers such as AWS in order to migrate clients' in-house infrastructure and applications to the cloud as well as optimized those applications to ensure that they were deployed with hardened security and best practice in mind.
- By means of automation, provisioned and updated resources, roles, policies, and network infrastructure.
- Used proprietary software like Sceptre, as well as troposphere and CloudFormation in order to automate cloud deployments.
- Worked with IAM Users/Roles, AutoScaling Groups, EC2 Instances, ELB's/ALB's, S3 Buckets and VPC's in order to meet project specifications.
- Created and utilized fully automated CI build and deployment infrastructure and processes for multiple projects.
- Created, consumed and managed GitLab repositories with embedded continuous integration scripts to test and deploy changes.
- Managed and deployed GoCD pipelines to manage compliant machine images in AWS.
- Developed and implemented solutions enabling Development and Operations teams to build, deploy, monitor and test applications within the cloud environment.
- Configured and used AWS native monitoring solutions such as CloudWatch and CloudTrail within client applications as well as pushed these logs into other logging tools like Splunk.

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

AWS Certified Security - Specialty

March 2020 - March 2023

Amazon Web Services

AWS Certified Advanced Networking - Specialty

October 2019 - October 2022

Amazon Web Services

AWS Certified DevOps Engineer - Professional

October 2019 - October 2022

Amazon Web Services

AWS Certified Solutions Architect - Professional

July 2018 - July 2021

Amazon Web Services

AWS Certified SysOps Administrator - Associate

October 2017 - October 2022

Amazon Web Services

AWS Certified Solutions Architect - Associate

July 2017 - July 2021

Amazon Web Services

AWS Certified Developer - Associate

August 2017 - October 2022

Amazon Web Services