

Steve Vallianos

Senior Cloud Systems Engineer

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Professional Summary

Results-driven Senior Systems Cloud Engineer with extensive experience in AWS infrastructure, cloud architecture, automation, and IT support. Trusted advisor to senior leadership, demonstrating autonomy in identifying challenges, designing scalable solutions, and driving strategic initiatives. Proven ability to optimize system performance, enhance security, and improve cost efficiency within complex technology environments.

Technical Skills

- Well versed in AWS Services (EC2, Route 53, VPC, CloudWatch, Cost Explorer, RDS, CloudFormation, ECS, Lambda, ElasticSearch)
- Windows and Linux Server Administration
- Extensive Networking -VPN Configuration, Firewalls, TCP/IP port Security
- Bash(awscli), PowerShell, & Python scripting for IT automation and support
- Google Suite & Desktop Support
- DNS Management & Cloud Optimization

Professional Experience

Senior Cloud Systems Engineer | Informed.Co | 01/2015 – 04/2025

- Designed and deployed scalable AWS infrastructure using EC2, VPC, RDS, Lambda, and CloudFormation to support enterprise SaaS operations
- Led cloud migration initiatives, transitioning legacy services to ECS and Elastic Beanstalk, optimizing performance and cost
- Automated infrastructure tasks using Python, PowerShell, and AWS CLI, including patching, backups, and access audits
- Monitored cloud environments using CloudWatch and Grafana, implementing alerting and cost-optimization strategies
- Integrated Github CI/CD pipelines with AWS CodePipeline to streamline deployments and enforce security controls
- Collaborated cross-functionally with developers and leadership to troubleshoot CDK scripts and refine SSO integrations
- Created and managed technical documentation across SharePoint(office365), Google Docs, and Tetra, demonstrating versatility in cloud-based collaboration tools

Cloud Systems Engineer | HotBoxSports Ventures | 10/2013 – 01/2015

- Migrated MySQL databases to AWS RDS, improving uptime and scalability.
- Built SSL-secured Elastic Beanstalk environments, and customized AMIs for reliable app deployment.
- Designed VPC networking to improve security and access control across AWS resources.

Desktop Support Engineer | Sharp Electronics Corporation | 10/2011 – 10/2013

- Led Windows 7 migration initiatives, optimizing deployment processes and reducing downtime.
- Provided technical support for Mac and Windows workstations in a corporate environment.

Freelance & Contract Roles – Network & Systems Administrator

- Configured LAN/WAN environments, including firewalls, routers, VPNs, and Windows domain networks for SMB clients.
- Migrated on-prem Exchange servers to cloud-hosted solutions, managing DNS, Active Directory, and user provisioning
- Supported remote workforce enablement through secure VPN setups and mobile device management
- Delivered hands-on support for Office 365 and Google Workspace environments, including onboarding/offboarding workflows
- Provisioned hardware and tracked inventory lifecycle across laptops, desktops, and mobile devices using centralized tools
- Provided desktop support, hardware troubleshooting, and network configuration solutions.

Certifications

- Microsoft Certified Systems Engineer (MCSE)
- Microsoft Certified Professional + Internet (MCP+I)
- Cisco Certified Network Associate (CCNA)
- Focusing on AZ-104 Azure Administrator Associate

Education

University at Albany, State University of New York B.S. in Geologic Sciences | Minor in Business Administration | Graduated 1996