

Sean Llewellyn

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Experienced Information Systems leader looking to help manage technical team within a challenging enterprise organization.

Core Qualifications

- Extensive knowledge of Server hardware, diagnostics, installation and maintenance
- Deep understanding of Windows Server OS (.NET/IIS, Active directory)
- Wide array of experience with various cloud suites (AWS, Azure)
- Possess leadership skills that can be applied to improve team performance and meet company goals
- Experienced in enterprise application design/implementation from the operational perspective
- Familiar with process control, project management (ITIL, Agile, Scrum) and industry compliance
- Expert in CI/CD, Data Warehousing and Automation
- Familiar with networking and load balancing theories
- Experienced in multiple scripting languages (Powershell/Python) and APIs
- Knowledgeable in multitude of Database technologies at scale

Education/Certifications

Certifications:

Azure Solutions Architect Expert: AZ-305: Designing Microsoft Azure Infrastructure Solutions
AZ-104: Microsoft Azure Administrator

Azure Solutions Architect: AZ-301: Microsoft Azure Architect Design
AZ-302: Microsoft Azure Solutions Architect

MS70-462: Administering SQL Server 2014
VMWare VCP 6.0 Data Center Virtualization

MS70-535: Microsoft: Architecting Azure Solutions
VMWare VCP 5.5 Data Center Virtualization

Education:

AAS-Information Systems – Carroll Community College

Work Experience

Xpertechs - Engineering Manager / IC

Ellicott City, MD August 2020 - Present

- Manage team of 9 multidisciplinary engineers
- Created extensive team and company SOPs
- Worked with professional services team with wide client base (Architecture guidance/Implementation)
- Primary owner of internal code repos and pipeline deployment processes
- “Hands on” SME in various technical disciplines including:
 - Cloud Automation (Azure Functions, AWS Lambda)
 - Multiple database technologies (MSSQL, PostGres, CosmosDB)
 - SAML/SSO, Hybrid Identity
 - Web server/Webapp debugging
- Internal R&D efforts including:
 - Technical improvements to multi-cloud/hybrid governance and budgeting
 - Automating cloud compliance and auditing in customer environments
 - Scripted deployment of SOC rulesets and log ingestion/retention via MS Partner API

Xpertechs - Team Lead - Cloud Engineering

Ellicott City, MD *June 2017- August 2020*

- SME/Lead for Cloud Project team
 - Leading application migrations to Azure, AWS
 - Examples include:
 - Devops efforts to re-tool and shift on-premise Case management application to pure Azure PaaS
 - Deployed and configured a multitude of PaaS Azure resources to meet development team goals
 - Wrote Azure logic/functions apps
 - Architecting/Automating App and VM deployments (Az Arm)
 - Created Azure Application Insights solutions for performance monitoring and autoscaling of PaaS services (Web apps, DB, etc)
 - Architected, Implemented and Maintained public facing geo-spatial web application in AWS
- In charge of day-to-day engineering support and improvement for clients
 - Wide variety of on premise, hybrid cloud and pure cloud resources
 - Office365 / Azure AD
 - vSphere/Hyper-V
 - Server Support (Windows/Linux)
 - Embedded with several 3rd party (client) development teams to provide bespoke solutions
 - Leveraged Azure Front Door to perform CDN and Request Handling
 - Re-wrote ETL process using Azure Data Factory
 - Implemented custom OKTA SSO consumer in Django/Python for internal applications
 - Automated external application identity and federation governance
- Champion automation across the organization
 - Wrote numerous utilities and health checks to improve workflows for lower teams
- Led security and compliance initiatives using Azure PIM controls, Log Analytics/Sentinel for SOC2

Cision.com - Senior Systems Engineer

Beltsville, MD *June 2015- May 2017*

- Devops engineer on the future go-forward application (Cision Communications Cloud)
 - Supported development team design and implemented an infrastructure solution for two main components of the application
 - Methods used:
 - Designing and Building IIS servers for NodeJs and .NET applications
 - Harnessing Cloudfront for CDN
 - F5 BigIP for load balancing and CORS handling
 - Monitoring and healing using Nagios, Solarwinds and Powershell
 - Provide daily and weekly status updates to multiple departments within the organization
- Helping standardize logging and automation platforms for an array of acquired companies
 - InfluxDB with Grafana in AWS for application metrics
 - Used Powershell to automate or improve a host of day to day activities
 - Migrated and automate existing build and deploy platforms to Bamboo for true CI/CD
- Day to day top level support of application performance and reliability
 - Working with Solarwinds Orion
 - Creating large documentation and training information for lower level Global Sysadmin teams
 - Maintained Web app (IIS) and SQL servers that make up the core application
- Managed and administered traditional infrastructure across multiple datacenters
 - Including data within various storage solutions
 - EMC VNX, HP Lefthand, Glacier/S3, Dell Compellent
 - Experience with Cisco UCS and HP Blade Systems

Tier One Technology Partners - Senior Engineer**Hunt Valley, MD** *August 2013-June 2015*

- Acted as final escalation point for Systems Administrator teams
 - Prepared training and team building
 - Advised senior management on hiring decisions and helped evaluate performance of teams
- Subject matter expert on VMWare and supporting virtualization concepts
- Designed and served as project lead
 - Examples include
 - Multiple Exchange to Cloud migrations (Google Apps, Office 365)
 - Migration of 250 servers from Hyper-V WSFC to vSphere 5.5
 - DR Solution between 3 datacenters using Veeam and NetApp SnapMirror
 - SQL 2012 failover clustering of business critical application databases
- Investigated new solutions to improve production, reduce cost for clients across a multitude of industries
- Daily server support for all clients
 - Windows Server and related applications (AD, DNS, Exchange 2010/2007, SQL)
 - VMware/Storage maintenance and provisioning
- Performance trends and capacity planning using Solarwinds, vCOPs, SCCM, PTRG

Vocus.com (Now Cision) - Systems Administrator**Beltsville, MD***September 2012-August 2013*

- Provide operational support to Production and QA Server infrastructure.
 - Maintained physical hardware in Datacenters
 - UCS, HP Blades, Appliances, SANs
 - Maintained Windows infrastructure across data centers (500+ servers)
 - Application support included, IIS, MSSQL, Apache Solr
 - Managed VMware infrastructure
 - Install, maintenance, and migrations (P2V and V2V).
 - Track VM health and performance via vCenter Operations Manager and Veeam One.
 - Administered application support on servers
 - Support high transaction SQL DBs and SQL Job Servers
 - Managed load balanced IIS application servers
 - Tracked server, application and database performance
 - Solarwinds trend analysis and Customized WMI statistics
 - Managed and administered 1PB + of data within various storage solutions
 - EMC VNX, Clariion, Data Domain, HP Lefthand
- Member of VMS application build team
 - Operational liaison for launch
 - Planned infrastructure capacity and configuration in coordination with Development

Tier One Technology Partners- IT Specialist**Hunt Valley, MD***August 2011-September 2012*

- Maintained and administered Windows Server (03/08) for over 50+ clients daily
 - Including AD/DNS/DHCP, Exchange and mail flow issues
- Maintained and troubleshoot Windows desktops
- Document support tickets/resolutions (Connectwise)
- Worked Directly and led on infrastructure upgrades/projects for a multitude of clients
 - Including server migrations, vSphere installations, Sonicwall deployments

Carroll Community College – Network Technician**Westminster, MD***June 2009-August 2011*

- Respond to help desk calls and tickets for facility and staff computers.
- Document help desk tickets/resolutions (Altiris), and provide overall assistance in daily administration of the network.
- Perform diagnostics and troubleshooting of system issues.