

# Christopher Clucas

Senior Architect & Tech.  
Lead

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📍 MD, NC

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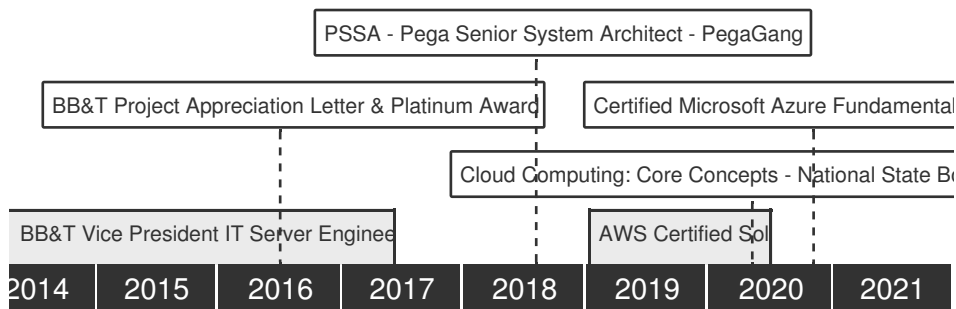
## SUMMARY

18+ years of experience in IT Architectural Development, IT Engineering, Information Security, Network Engineering, Software Development, QA Testing, IT Risk Management and Automation. Possess deep knowledge in all facets of Information Technology and programming languages such as Cloud Shell, Java, Python, PowerShell & Ruby. Experienced in leading teams of developers and testers to deliver high-quality solutions. Proficient in liaising with key stakeholders to meet key critical deadlines, and or design and analyze complex business requirements. Adept at deploying trend-based virtualization, storage and engineer innovative user-centric solutions.

## KEY TECHNICAL SKILLS

- Azure PaaS and IaaS Services
- Agile Management
- Datacenter Migrations
- On-Premises Servers - Cld. Migration
- Design & Build all HA Databases
- Windows Clusters
- Automation using PowerShell
- JSON Templates
- Disaster Recovery
- Risk Management
- Process improvement strategies
- Estimating Budget
- Efforts and Resource Planning
- Mentoring Junior Engineers

## Career Snapshot



## CERTIFICATIONS

- Cloud Computing: Core Concepts - National State Boards of Accountancy
- AWS Certified Solutions Architect -Associate (SAA-C02) - CompTIA -
- Certified Microsoft Azure Fundamentals (AZ-900) - CompTIA -
- Certificate of Automation with Azure PowerShell and ARM Templates
- PSSA - Pega Senior System Architect - PegaGang
- PLSA - Pega Lead System Architect - PegaGang
- Development, Extensions and Deployment for Microsoft Dynamics 365
- Developing Microsoft Azure Solutions - Programming Hub
- Implementation Specialist - Cisco College - Cisco - RTP, NC
- Cisco Data Center Unified Computing Design Specialist Cisco - RTP, NC
- Symantec Certified Specialist - Cyber Security Service, DLP - BB&T Training

## PROFESSIONAL EXPERIENCE

### Senior Cloud Architect Team Leader Hybrid Cloud Solutions

Jan '18 - Present

#### CL Group, LLC

Montgomery Village, MD

#### Cloud Services & Delivery

**Perfected 3-year IT transformation plan for on-premises physical server infrastructure to multi-domain hybrid cloud solution** using both Azure & VMware roadmap and strategy that comprised prioritizing strategic and tactical requirements in-order to proceed further with cloud adoption.

#### Cloud Management & Automation

- Cisco & Microsoft developed & I'm now testing a **proof of concept (POC) accelerating provisioning time by 40%** and innovation through the power of a hybrid cloud with Cisco Integrated System for Microsoft Azure Stack with a cloud-ready infrastructure solution **designed for rapid scalability and cloud-native applications that enables on-premises governance, security, and performance.**
- Provided training to **new joiners** on IT engineering, operations, systems, and procedures
- Launched **weekly WebEx sessions to deep dive** into architectural design solutions & ensure successful **deployment & security** in the cloud.
- Optimized **Ansible, Puppet, Chef**, etc. to automate & configure management **modules.**

#### End-to-End Technical Engineering Management

- **Directed IT Server Engineering & Infrastructure;** assessed each direct report to ensure **compliance** within the company's policies while managing **human & financial resources. Annual PDP's, etc.**
- Presented weekly upcoming system/application changes, and or, IT transitions to **IT Change Management with a design & implementation plan of each planned action;** high emphasis on system security patches/firmware upgrades to eliminate potential **security risks.**

#### Budgeting

- Developed IT infrastructure **strategies, which included, computers, information systems, security, & communication systems**
- Developed, managed, and tracked the IT department's annual budget; **saved 28%** of the budget by migrating legacy servers to Azure.
  - Purchased efficient & **cost-effective technological equipment** and software
- **IT Policy Formulation**
- Devised and established **IT policies and systems** to support the implementation

### IT Cloud Transformation Tools:

Agile	Cloud Mgmt. Azure, AWS			
GCP, IoT	GitHub	ServiceNow		
Hyperconvergence	Python	SaaS		
IaaS	O365	Agile	Java	SQL
Linux	Oracle	Cisco UCS / C7000		
Blade Servers	O365	Exchange		
Workday				

### Server OS:

System Administration - Microsoft  
Server 2008 R2, RHAT / Linux  
Server 2012R2, Server 2016  
Network & SAN: Cisco devices,  
Firewalls, Load Balancing, F5, VIP,  
Reverse Proxy, DMZ Storage: Hitachi,  
NetApp, GPFS, SAN, File, block, object

### DLx & Intel based physical servers - Application Side:

PowerShell, Python, JSON, Cloud Shell,  
Continuous Integration and Delivery  
(CI/CD), CyberArk, ServiceNow, Active  
Directory, GPOs, M365, SAML, LDAP,  
SSL, SPML, Legato Backup,  
Middleware, WebSphere Application  
Server, TC Server, WebLogic, Oracle  
Fusion, API  
Functionality, PEGA, GeneSys  
Enterprise Call Center,  
Ticketing Tools: ServiceNow, Service  
Center, HP SM7 & HP SM9, BMC  
Footprints Backup Tools: Installation,  
Configuration & Administration of  
Legato, Symantec/VERITAS  
Monitoring Tools: DataDog, IBM  
Director, HP SIM, HP Open View, HP  
BAC Monitor, HP Site Scope

of strategies set by the upper management

- Analyzed business requirements **of all departments** to determine their technology needs; improved **productivity by 36% by having group cookouts.**
- **Vendor Management & Client Servicing**
- Developed **monthly technical roadmaps and strategies with strategic Partners and key vendor management groups** including Hewlett Packard, Cisco Systems, Microsoft, VMware, CyberArk, IBM, RHAT, Nutanix and **presented cloud compute strategies to senior management to drive ROI.**
- Champion **negotiator who brings over a decade of senior level EA contacts from all facets of IT Sales & Procurement; indelibly propels notable savings** when estimating budget planning efforts.

### **Vice President IT Serer Engineering**

Nov '98 - Jun '17

#### **BB&T Corp.**

Raleigh, NC

*Pioneer in the US Financial & Insurance sector; Ranked in the FDIC top 5 as one of the largest financial institutions in the United States*

Championed and served an **integral role supporting sustained growth for this Financial Services institution, from \$570M in assets under management to \$383B today.** Designed and **managed BB&T's VMWare ESXi v5 & v6 space - domain componefuture growth with all of BB&T, IT Management, Engineering, Developers, IT Production support teams throughout the USA, strategic IT Planning and approved vendors/partners - Private Cloud - Hybrid - setup & configuration, along with UCS Manager and fiber attached storage frames - NetApp, EMC, HITACHI - and storage software for all hosts.**

- **14 years overseeing all server refresh projects including several upgrade projects for revisions and new implementations of Active Directory, O365, SCCM, SCOM, DLP, Firewalls and IAM devices** in four Data Centers across the Enterprise. DEV, Test, Prod & DR.
- **Presented cloud compute strategies to senior management to drive ROI and re-engineer Data Center hosts reclaimed from M&A activities, generating > \$4.5MM+ in annual savings, whereas the 183 blade servers would have been recycled materials**
- Spearheaded each Data Center project design was in accordance with all Regulatory requirements, FDIC regulations, Dodd Frank, etc.; along with high availability - always designed hosts to be clustered Tier1/2 servers for HA.
- 412 Microsoft Server **2003 Data Center servers ~Legacy~ physical servers in two years, saving \$2.65M support fees of Microsoft Server licensing /replacement costs up to \$1.7M.**
- \* Negotiated licensing and Hardware costs and **provided 6.84M savings in HP, Cisco UCS hardware costs and 3.42M savings in VMware, Microsoft SQL, Oracle, RHAT licensing costs. 2.28M in Hitachi enterprise storage cost.**
- Launched architectural designs and **piloted all planned activities and design sessions, as well as kicking off the Guided Success Plan with CyberArk; created as a privileged access management program for ensuring complete success in meeting all privileged access management goals.** Determined and created new ACL policies (Access • Control Lists).
- Worked in conjunction with **CyberArk to design and configure the On-premises components and integrated the Service** in four different environments - Development, Test, Production & DR
- Governed all monthly Roadmap sessions / evaluations on innovative technologies for **future growth with all of BB&T, IT Management, Engineering, Developers, IT Production support teams throughout the USA, strategic IT Planning, and approved vendors/partners - Cisco, Microsoft, Hewlett Packard, IBM, VMware, Hitachi, RedHat, etc.**