

Rock Hill, SC 29732 • 704-466-5581 • Anthony@Lindsay.net • www.AnthonyL.com

**Summary:** Long-term AWS Certified Solutions Architect with most recent years being applied to starting my own company, utilizing experience gained from previous employers. Over 15+ total years experience in the information technology field, focusing on infrastructure design, data center migrations and consolidation, virtualization and rapid server deployments. Experienced in front-end and back-end web, api and data storage and administration. Both management experience, and technical expertise has always proved beneficial when working and communicating between departments, management and clients.

**Technical Skills:**

|                        |  |
|------------------------|--|
| <b>Certifications:</b> | AWS Certified Solutions Architect, CompTIA Linux+ 2008, CompTIA Linux+ 2009  |
| <b>AWS Cloud:</b>      | VPC, Lambda, CodePipeline, CloudFormation, EC2, RDS, DMS, IAM, S3, AMI, EFS, EBS, Config, SNS, SQS, SSM, Cloudwatch, Route53, Alexa  |
| <b>Programming:</b>    | PHP, Python, Native Android, CodeIgniter, SAML, WordPress, WebsiteBaker, MySQL, Perl, Bash, C, JavaScript, HTML, JAVA, Ajax, SOAP, REST  |
| <b>Software:</b>       | SamHain, CVS, Subversion, Git, VMWare, RedHat, Zmanda Backup, ZendServer, PXE, Hylafax, Samba, DNS, DHCP, Dovecot, LDAP, CUPS, Apache, Tomcat, MySQL, NFS, Squid Proxy, Kickstart, Monetra, DRBD |
| <b>Hardware:</b>       | A10 load balancers, F5 BigIP load balancers, Spectra Logic, Sonicwall, Avaya PBX, VoIP, SCSI, NAS, SAN, Data and Voice Cabling   |
| <b>Products:</b>       | RedHat Satellite, Barracuda Spam Appliance, BMC Remedy, Tealeaf, BMC Control-M, Atlassian Products [JIRA, Confluence, BitBucket, Bamboo, Crowd], Mirapoint, RedCondor, EdgeWage                  |

## Experience:

### Carolina Brew Supply – Rock Hill, SC

Apr 2021 – May 2023

Founder / Owner / Manager

- Designed and hosted POS software, integrated with e-commerce site.
- Integrated credit card processing with POS and e-commerce from Triton Processing.
- Integrated loyalty, marketing and rewards system from RewardPads.
- Designed fault-tolerant and self-healing infrastructure using AWS CloudFormation
- Designed and implemented AWS SQS for internal printer operations between POS system and kitchen ticket printers
- Used AWS SQS queues for automated print operations of shipping labels and pick tickets for e-commerce orders.
- Integrated DoorDash and Google Maps to custom e-commerce delivery module to estimate delivery prices and times for same-day delivery option
- Utilized CloudFormation, SNS, SQS, EC2, Route53, EBS, EFS
- Utilized CloudFormation, SNS, SQS, EC2, Route53, EBS, EFS

### EverOps / Zendesk – San Francisco, CA (Remote)

Mar 2020 – Feb 2021

CloudOps Engineer (Contract)

- Used Jenkins, Kubernetes and Ansible for large scale deployments of software and infrastructure updates.
- Worked with 100% remote team across multiple timezones.

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## Experience (continued):

**Level – Charlotte, NC**

**Jun 2019 – Mar 2020**

*Senior Automation Engineer / Cloud Architect (Contact)*

- AWS GovCloud has restricted services compared to public AWS Cloud, so we utilized Ansible for many solutions.
- Setup CloudFormation and Ansible to create VPCs, EC2 Route Tables, EC2 Security Groups, Route53, VPC Peering, VPN connections, ELB, and ELB Target Groups across multiple AWS GovCloud accounts to emulate government NIPR and SIPR networks.
- Used AWS CloudFormation and Ansible to automate deployment of EC2 instances and perform server configurations and software installation.
- Other technologies used were RDS for application databases, Jenkins for CI/CD pipeline and AWS Lambda for automating EC2 configurations and scheduled jobs.

**Citco – Charlotte, NC**

**Jan 2017 – May 2019**

*Senior Automation Engineer / Cloud Architect*

- Created automation for multiple accounts in AWS Public Cloud.
- Automated builds of cloud infrastructure using CloudFormation to create VPC, RDS, EC2, ELB, EFS, Security Groups, Route Tables, Route53 entries.
- Automated installation of commercial software through EC2 UserData and CodePipeline using CodeCommit repositories.
- Setup CodePipeline to automate CI/CD pipelines with manual approval gates for multiple environments from development to production
- Created CloudFormation StackSets to deploy CodePipeline stacks and custom IAM roles for cross-account deployments
- Automated VPC creation and vpn connections for a transit VPC with hub/spoke network model
- Automated Setup of CloudWatch metrics and alarms to trigger SNS topics and lambda functions for integration with on-premise monitoring/alerting software
- Designed CloudFormation templates with custom parameters and conditions that allow for automatic cross-region fail-over and recovery
- Built a server provisioning portal with php/mysql to allow teams to build servers in VMWare and AWS.
  - Portal integrated with 3<sup>rd</sup> party apps, including: Ansible, VMWare, AWS, IPControl, Spectrum, ITAM, Active Directory.
  - Portal also provided a REST API for callback features in Ansible
- Migrated several on-premise applications to AWS to help facilitate a datacenter shutdown
- Created Ansible playbooks to automate server configuration changes and enforcement
- Team lead for a group of 3 remote engineers

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## Experience (continued):

### **Triton Processing – Rock Hill, SC**

*Partner / Lead Technology Engineer*

**May 2016 – Jan 2017**

- Company offers credit card processing and Merchant Services
- Developed KloudPOS Android POS system with custom encryption and embedded hardware.
- Developed SaaS reporting and management dashboard for POS system
- Integrated credit card purchases with RewardPads for offering purchase based incentives

### **RewardPads.com – Charlotte, NC**

*Founder / Chief Information Officer*

**Aug 2012 – Mar 2019**

- Designed and developed SaaS platform, REST API and Android App.
- Many features include:
- Whitelabel option for resellers
- Android App is available on Google Play.
- REST API allows 3rd party integrations
- Automated text and email marketing campaigns
- Social media integration
- Credit card processing, bank draft and direct deposit for clients and resellers

### **ShomoLive.com – Charlotte, NC**

*Chief Information Officer / Minority Partner*

**Jan 2016 – Oct 2017**

- Completely reprogrammed website in PHP with MySQL database
- Redesigned UI of music booking engine for the venues and artists.
- Integrated credit card processing for purchasing credits on the website.
- Currently developing mobile app for fans to search for events and engage with venues and artists.

### **Cimplx ACA – Rock Hill, SC**

*Head Software Engineer / Intern Manager (Contract)*

**Jul 2015 – Nov 2015**

- Planned and developed the IRS reporting software for the Affordable Care Act.
- Developed platform with PHP and MySQL
- Managed and mentored a group of 3 interns during the summer of 2015.

### **MyPEQ.com (Comporium / Smart Home Ventures) - Rock Hill, SC**

*IT Systems Engineer IV / Information Technology Group*

**Sept 2013 – May 2015**

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## Experience (continued):

### Comporium Communications - Rock Hill, SC

Mar 2012 – May 2015

*IT Systems Engineer IV/ Information Technology Group*

- Designed platform for mobile controlled water fountain for Fountain Park, Rock Hill
- Programmed web interface dashboard for support center to manage over 200,000 customers
- Programmed file transfer system for
  - sending late accounts to collection agencies
  - getting 911 call usage from mobile carriers
  - sending billing information to invoice printing company
- Planned and implemented centralized monitoring, alerting and logging systems
- Upgraded tape backup appliances and replaced server Zmanda
- Designed physical and logical network layout for Immedion's new datacenter
- Designed SAML authentication for integration with 2012 NBC Olympics
- Managed authoritative DNS servers for over 180 zones
- Maintain Mirapoint email platform for over 200,000 internet and email subscribers
- Managed web and FTP servers for internet subscribers' Personal Web Space
- Coordinated deployment and migration of spam filtering from RedCondor appliances to Barracuda
- Planned migration of email platform to cloud service

### Wells Fargo - Charlotte, NC

Aug 2011 – Mar 2012

*Systems Support Engineer/ International Shared Services Technology*

- Manage server and software upgrades
- Managed architectural diagrams for six internal applications
- Automated scripts in PHP to insert 180+ users for new application, saving numerous work days
- Built and transferred internal WebSphere application to new hosting environment
- Concurrently built WebSphere environment while upgrading application on existing servers
- Coordinated a simulated Disaster Recovery scenario for multiple production applications
- Decommissioned Wachovia's retired Anti Money Laundering applications and servers
- Built and supported Linux, Apache, MySQL servers for development teams
- Deployed automated scanners and imaging applications for multiple Lines of Business
- Managed change requests in a controlled environment
- Restored credibility of the support team for various Lines of Business
- Functionality and Site Integration Testing for application upgrades and deployments

### Edvance360.com - Charlotte, NC

Mar 2011 – Jul 2011

*PHP Programmer/Web Development (Contract)*

- PHP development for education software
- MySQL database administration
- Built and monitored backup server
- Converted PHP code from procedural to object-oriented
- Integrated existing website with TurnItIn API plagiarism detection service via SOAP

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## Experience (continued):

### American Tire Distributors, Inc. - Huntersville, NC

Jan 2009 – Feb 2011

*LAMP Operations Administrator/Information Technology*

- Architect/Engineer for server farms for websites such as ATDOnline.com and TireBuyer.com
- Installed/configured F5 load balancers for high traffic websites, pricing and inventory queries
- Implemented Nagios and Cacti server monitoring
- Administered Apache, ZendServer, Tomcat and MySQL servers
- Automated PHP and Java code deployments
- Server upgrades, patches, migration and consolidation
- Built and administered Atlassian servers [JIRA, FishEye, Crucible, Confluence and Bamboo]
- Designed and implemented web and MySQL failover, backup and DR solutions
- Installed Tealeaf web capture and replay appliance
- Installed and administered BMC Control-M job scheduler

### Castle Branch, Inc. - Wilmington, NC

Jul 2006 – Dec 2008

*Linux Systems Administrator/Information Technology*

- Architected and implemented infrastructure for user and customer facing servers
- Maintained PCI compliance for credit card processors
- Built predictive dialer server based on Asterisk and ViciDial
- Created standards for server builds and documentation
- Oversaw integration of in-house developed applications
- Coordinated server upgrades, patches, migrations and consolidations
- Server baselines, backups, backup integrity testing, and restorations
- Automated desktop/server installations via PXE network boot with dynamic PHP kickstart files
- Specialized in interoperability of desktop and server operating systems and software
- Developed and debugged in-house Perl applications
- Converted multiple websites from Perl to object oriented PHP
- Developed internal PHP application with LDAP integration for tracking personnel changes

### New Hanover County Schools - Wilmington, NC

Aug 2004 – Jun 2006

*IT Apprentice/Information Technology*

- Deployed over 400 new PC throughout Hoggard High School
- Used Novell ZenWorks to automate software deployments all desktop computers
- Everyday support for PCs, printers, scanners and network components
- Maintained Hoggard High School's website content

### Education: Cape Fear Community College - Wilmington, NC

- Computer Information Systems
- Computer Engineering Technology