Christopher Aloi

Experience

Date	Company	Position
09/2017 - Present	Bluetone Communications	Director of Engineering
09/2013 - 08/2017	Wholesale Carrier Services	Manager of Voice and Data Engineering
04/2009 - 09/2013	Alteva/WVT Communications	Manager of Engineering and Network OPS
03/2006 - 04/2009	USA Datanet	Senior Voice Engineer
03/2005 - 03/2006	USA Datanet	Senior Technical Support Engineer
11/2004 - 03/2005	USA Datanet	VoIP Support Specialist
11/2003 - 11/2004	USA Datanet	Senior Internet Support Specialist
08/2003 - 11/2003	USA Datanet	Internet Support Specialist

- A proven leader and hands-on Engineer with the ability to adapt an evolving network landscape.
- Experienced leading and working with a diverse team of engineers to deliver high-quality results.
- Responsible for the planning, provisioning, installation, monitoring, and management of high volume carrier grade TDM and IP networks across the United States.
- Front and backend developer with experience building internal and external applications based on HTML, Javascript, NodeJS, MeteorJS and Python.
- Competent database administrator with experience using SQL and NoSQL databases.
- Experienced Linux and Solaris system administrator deploying physical, virtual and container based solutions (VMWware, Proxmox, Docker, AWS).
- Serve in a sales engineer role attending executive level customer meetings, providing demos, answering questions, explaning complex call flows and writing statements of work.
- Responsible for system administration support and operation of production application servers running standard, proprietary and custom applications in physical, virtual and cloud-based environments.
- Experienced deploying and managing many open source tools and applications in Linux environments.
- Work directly with customers building long-term relationships from application design to implementation and support.
- Experienced managing and supporting carrier-grade telephony platforms including Sonus Networks class 5 suite and SBC's, Broadview Silhouette Hosted PBX, 2600Hz Kazoo Hosted PBX, Bicom Systems PBX, Asterisk PBX and Freeswitch PBX.
- Experienced with Sonus VBR and Transnexus least cost routing engines.
- Experienced with the Python based orchestration software, Ansible.

- Designed, implemented and supported a high volume FreeSwitch cluster to provide wholesale fractional second dialer, fraud and loop protection with real-time blocking and alerting.
- Designed, implemented and supported an Asterisk based cluster to provide advanced features/functionality to hosted SMB customers across Central NY.
- Proficient at network documentation and experienced with version control, change control and datacenter management.

Education and Training

2016 Bicom Systems

- Bicom (Hosted PBX) platform training

2015 2600Hz

- Kazoo (Hosted PBX) platform training

2014 Broadview Networks

- Silhouette (Hosted PBX) platform training

2013 Ribbon Communications (Sonus Networks)

- Session Border Controller (SBC52k) platform training and certification

2011 Ribbon Communications (Sonus Networks)

- Access Solution (ASX) provisioning and maintenance

2006 Ribbon Communications (Sonus Networks)

- Routing and Translations
- Advanced Routing and Translations
- Network Monitoring
- Trunk group provisioning and maintenance

2003 ITT Technical Institute, Liverpool NY

- A.A.S Information Technology Systems
- Awarded the "Program Chair award for outstanding performance"

Interests and Side Projects

- Volunteer for the National Center for Missing and Exploited Children helping to organize a yearly 100 mile cycling event raising awareness and helping educate the local community. As part of this effort I visit local schools and take part in assemblies focused on keeping kids safe online.
- Avid bicyclist
- Electronic prototyping using the Arduino platform
- Open-source development
- Photography

Contact

Christopher Aloi
Syracuse NY
315 569 4033
ctaloi@gmail.com

- Twitter
- Github
- Facebook
- LinkedIn