

Grant Cohoe

CONTACT E-mail: grant@grantcohoe.com
INFORMATION Phone: 330-790-1701
Resume: <https://resume.grantcohoe.com>

SUMMARY Operations engineer with excellent problem solving abilities and extensive knowledge in emerging, current, and legacy technologies capable of making practice and policy recommendations across the enterprise.

SKILLS **Orchestration Tools:** Ansible, Puppet, Terraform
Platforms & Providers: Amazon Web Services, Microsoft Azure, Kubernetes/OpenShift, OpenStack
Services & Applications: Docker, Prometheus, Grafana, ElasticSearch, Kibana, Jenkins
Databases: MySQL/MariaDB, Percona, PostgreSQL, Cassandra, DynamoDB, Redis, SQLite
Network: Cisco, Juniper, F5, Ubiquiti, VPN (OpenVPN, IPsec), OVS, Træfik
Operating Systems: Linux (Focus: RHEL/CentOS/Fedora), FreeBSD, Windows, MacOS
Software Development: Python, Bash, Git

PROFESSIONAL **Constant Contact**, Waltham MA
EXPERIENCE

Principal System Engineer (TechOps Systems) **Mar 2020 to Present**

- Design system, platform, and architectural best practices and processes to fit dynamic business cases.
- Provide extensive consultation and troubleshooting to multiple brands across the enterprise.
- Build and test the on-premises Kubernetes platform integrating with many existing systems.

Senior System Engineer (TechOps Systems) **Jan 2017 to Mar 2020**

- Develop and maintain extensive automation infrastructure and system platforms.
- Oversee operation of all Cassandra clusters in production and pre-prod environments.
- Perform assessment of acquired businesses and document all aspects of their platform.

RSA The Security Division of EMC, Bedford MA

Senior System Administrator (Engineering Lab Services / Release Engineering) **Jul 2014 to Jan 2017**

- Responsible for driving implementation initiatives such as VPN tunneling & system automation.
- Work with cross-functional teams across the world to deliver projects in a complete and timely manner.
- Provide level 3 support to all systems and services in the global engineering infrastructure.

System Administrator (Engineering Lab Services / Release Engineering) **Jul 2013 to Jul 2014**

- Assist in the development & operations of the global product engineering labs and release infrastructure.
- Develop infrastructure software and tools to provide visibility into lab resources and utilization.

Camp Fitch YMCA, North Springfield PA

Director (Tech Focus Experience / Computer Camp) **Jun 2013 to Present**

- Plan & operate a 2-week program teaching children introductory computer topics.
- Interact and discuss topics and concerns with parents, camp staff, and co-directors.
- Primarily responsible for facilities, on-site operations, and staffing.

PROJECTS	Cocktail Recipe Research Platform (In Progress) - https://github.com/cohoe/amari <ul style="list-style-type: none"> • Built a full-stack application platform to manage and query recipes in a variety of domain-specific ways. • Stack consists of React, Flask (RESTx), Zookeeper, Redis, ElasticSearch, PostgreSQL, Cognito. 		
	Puppet Infrastructure for Computer Camp - https://github.com/CFCC/TurboPuppet <ul style="list-style-type: none"> • Implemented Puppet to fully provision camper computers for a two-week summer program. • Built using many industry best practices learned at Constant Contact and through the community. 		
	Bluetooth Headphone Connection Manager - https://github.com/cohoe/maxime <ul style="list-style-type: none"> • Tool in Python on Fedora Linux to manage PulseAudio sinks & deal with Bluetooth connectivity quirks. • Listens for DBus events and routes audio stream based on user configuration and connection state. 		
	Open Source Network Resource & Access Manager - https://grantcohoe.com/projects/starrs <ul style="list-style-type: none"> • Designed and developed an interactive system for auditing and management of network resources. • Gives users a self-service portal to provision logical resources such as IP addresses and DNS records. 		
EDUCATION	Rochester Institute of Technology , Rochester, NY B.S., Applied Networking & System Administration, May 2013 Minors in Database Design & Development and Applied Communication		
AWARDS	Constant Contact Rovie's <div> <u>Problem Solver Extraordinaire</u> August 2019 </div> <div> <u>Stabilizing Cassandra</u> February 2019 </div> Excellence@EMC Silver <div> <u>Quick Connectivity Solution</u> March 2016 </div> <div> <u>Whatever It Takes</u> January 2016 </div> <div> <u>Transparent Proxy Implementation</u> September 2014 </div>		
ACTIVITIES & INTERESTS	<ul style="list-style-type: none"> • Amateur ice hockey player in several Boston-area rec leagues. • Glamping enthusiast in the Adirondacks, Vermont, and Lake Erie regions. • College hockey fan and NWHL Boston Pride season ticketholder. • Regular attendee of DevOps Days Boston and USENIX LISA conferences. 		