

Grant Cohoe

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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 BNY Mellon — Eagle Investment Systems, Wellesley MA
EXPERIENCE

Principal Software Engineer Nov 2021 to Present

- Do things and stuff with clouds. This will get filled in eventually.
- Azure, Ansible, Terraform, Python. This will get filled in eventually.
- Bother Professor McAfee. This will not get filled in eventually.

Constant Contact, Waltham MA

Principal System Engineer (TechOps Systems) Mar 2020 to Oct 2021

- 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.

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PROJECTS

Cocktail Recipe Research Platform - <https://github.com/cohoe/amari>

- 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>

- 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>

- 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>

- 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

Problem Solver Extraordinaire

August 2019

Stabilizing Cassandra

February 2019

Excellence@EMC Silver

Quick Connectivity Solution

March 2016

Whatever It Takes

January 2016

Transparent Proxy Implementation

September 2014

ACTIVITIES & INTERESTS

- 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, Barcamp, and USENIX LISA conferences.