

I enjoy a rich blend of development and operations skills ranging from assembly, C, bash, to docker. I appreciate declarative programming and have an insatiable curiosity for new technologies.

TECHNOLOGIES

Development Languages: Bash, C, Objective-C, JavaScript, PHP, Perl, Ruby, XSLT
Version Control/CI: Bitbucket, Git, Github, Mercurial, TeamCity
Databases: MariaDB, MySQL, PostgreSQL
DevOps: AWS, Chef, Docker, Xen
Application Servers: Apache, Dovecot, Lighttpd, Nginx, Postfix, Tomcat
Systems Administration: Cisco, EnGenius, Munin, Nagios, New Relic

EXPERIENCE

ClearBearing, Inc., Essex Jct, VT

May 2016 to date

Network Engineer

- Provide immediate resolution to a wide range of technical emergencies across New England
- Consulting

OpenTempo, Inc., Williston, VT

April 2015 – February 2016

Senior Cloud Administrator (DevOps)

- Developed a cloud infrastructure audit system which was instrumental in achieving SOC-1 compliance
 - Monitored production and pre-production systems for configuration and security related changes
 - Facilitated a weekly system health and security audit
- Responsible for a daily monitoring, report analysis, log analysis and issue escalation
 - Scripted tools to automate server data collection
 - Created a tool to generate a network topology map, by automatically discovering servers in the AWS cloud
- Maintained and Operated a Chef/Opsworks based cloud infrastructure
 - 20-25 Amazon Linux EC2 Instances, backed by 8-10 RDS Postgres database instances
 - Improved and simplified system admin team documentation and security by organizing and automating ssh connection credentials, server addresses, and permission related tool sharing

Laureate Learning Systems, Inc., Winooski, VT

May 1990 – September 2014

Developer / Systems Administrator

- Software Development
 - Wrote language development software in multiple programming languages for multiple platforms
 - Designed a RESTful web service for read/write cloud storage of student lesson data
 - Bash scripting with xsltproc and custom xslt templates
 - Streamlined production of product installers and command line CD-ROM mastering
 - Email newsletter production
 - Website generation
 - Automated site map updates
 - Automated RSS feed updates
 - Apple Developer Program Team Agent; managing certificates, app ids, devices, provisioning profiles
 - Write DLLs in C to provision custom windows language development workstations
- Front-end and back-end web development
 - Multiple document regex editing with perl

- MySQL, PHP, and JavaScript
- WebStar to IIS migration; ported forms written in C to ASP
- Systems Administration
 - Apache to Nginx migration with respect to the declarative configuration style of Nginx
 - Utilized cloud services for servers, dns, and content delivery network
 - Created and maintained Cisco router configurations
- Regression testing for the Adobe Shockwave Player prerelease team from 2002 to date
- Responsible for following current trends and acting as a technical resource for product development decisions

University of Vermont, Living & Learning Center, Burlington, VT **1988 – 1990**

Computer Lab Tutor

- Assisted students with programing assignments
- Helped students use the printer

PEOPLExpress Airlines, Dulles, VA & Newark, NJ **1985 – 1986**

Customer Service Representative

- Ordered Jet A fuel for outbound flights
- Printed flight plans, checked in passengers, boarded flights
- Solved problems

U.S. Army Old Guard Fife & Drum Corps, Presidential Escort, Ft. Myer, VA **1982 – 1985**

Drummer

- Performed for arrival ceremonies at the White House
- Collaborated with a colleague writing drum solos
- Security clearance: secret

EDUCATION

University of Vermont, Burlington, VT **1987 – 1990**

- Major: Computer Science
- Minor: German

George Mason University, Fairfax, VA **1985 – 1986**

Major: Computer Science

Northern Virginia Community College, Springfield, VA **1983 – 1985**

Night classes while serving in the U.S. Army

Mount Mansfield Union High School, Jericho, VT **1978 – 1982**

Graduated with emphasis on computer science

INTERESTS

Playing music. I enjoy playing field drum and my wife plays fife.