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CHARLIE MCCLUNG

OBJECTIVE

Software Engineer turned DevOps.

Coming from a software engineering background focused in web development, I have always been interested in the supporting infrastructure. With the emergence of DevOps, I have truly found my passion. This newfound enthusiasm has led me to pursue DevOps professionally.

PROFESSIONAL ACHIEVEMENTS

CERTIFICATIONS

AWS Certified Solutions Architect – Associate

AUTODESK

Part of a new team leading new and exciting cloud efforts (NodeJS)

Built supporting services and API's, designed for AWS (ECS, Lambda)

Audited multiple AWS accounts for security, performance, and costs

Dockerized all web services for the FormIt team (ECS)

Converted all HTTP web services/apps to HTTPS (Let's Encrypt, ACM, ELB)

Developed custom SSL generation process (Let's Encrypt, Lambda, ECS)

BOWTIE

Maintained a complex legacy infrastructure and application (Jenkins, EC2, ELB)

Decoupled services for better integrity and maintainability (SQS, ECS, Lambda)

Audited AWS accounts for BowTie as well as their clients

Rebuilt application environments to use Docker (ECS)

Developed custom SSL generation process (Let's Encrypt, SQS, EC2)

Designing and implementing new infrastructure and platform (CloudFormation)

CMR1

Started my own Cloud Solutions LLC

Published simple open source tools to GitHub, DockerHub, and NPM

Integrate all public repos with TravisCI for basic CI/CD workflow

AWS research and practical experience within my own accounts

SKILLS	Docker
	Unix / OSX
	Ansible / Puppet
	Vagrant / Terraform
	Git + GitHub / BitBucket
	AWS / DigitalOcean / Linode
	Jenkins / TravisCI / Bamboo / CircleCI
	Bash / JavaScript / Python / Ruby / PHP / HTML / CSS
	MySQL / PostgreSQL / SQLite / MongoDB / DynamoDB

WORK HISTORY

FOUNDER & CEO – CMR1 LLC
Longmont, CO
March 2017 – Current

SOFTWARE ENGINEER – AUTODESK
Boulder, CO
June 2016 – Current

DEVOPS ENGINEER (CONTRACT) – BOWTIE
Denver, CO
May 2016 – Current

WEB DEVELOPER (CONTRACT) – AUTODESK
Boulder, CO
March 2016 – June 2016

SOFTWARE/DEVOPS ENGINEER – CFS
Boulder, CO
December 2015 – March 2016

WEB DEV TEACHER – FRCC
Online
Spring 2015

SOFTWARE ENGINEER – IMM
Boulder, CO
April 2013 – December 2015

EDUCATION

UNIVERSITY OF COLORADO AT BOULDER
2008 – 2012

BS from CU Boulder in Computer Science with an emphasis in Software Engineering.