

CHARLIE MCCLUNG

OBJECTIVE Software Engineer + DevOps Fanatic. I am a problem solver. I love to learn new things, and find elegant solutions to complex problems. As an enthusiastic collaborator and mentor, I thrive in a team environment that fosters open communication. With extensive experience in many languages and technologies, I am a passionate polyglot programmer.

PROFESSIONAL ACHIEVEMENTS

CERTIFICATIONS

AWS Certified Solutions Architect – Associate

BOWTIE

Manage a team of developers to build and maintain client applications
Maintain 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)
Built custom CI/CD pipeline, used on all Docker projects (Lambda, CodeBuild, ECS)
Developed custom SSL generation process (Let's Encrypt, SQS, EC2)
Designing and implementing new infrastructure and platform (CloudFormation)

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)

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

CTO – BOWTIE

Denver, CO
August 2017 – Current

FOUNDER & CEO – CMR1 CLOUD SOLUTIONS LLC

Longmont, CO
March 2017 – Current

SOFTWARE ENGINEER – AUTODESK

Boulder, CO
June 2016 – August 2017

DEVOPS ENGINEER (CONTRACT) – SEED WORTHY, MAKERS OF BOWTIE.IO

Denver, CO
May 2016 – August 2017

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.

