



# Michael Mendy

SOFTWARE ENGINEER

- ✉ montana@linux.com
- 🔗 github.com/montana
- 🌐 linkedin.com/in/michaelmendy
- 🌐 michaelamendy.com
- 🆔 ORCID: 0009-0009-7107-3112

## MACHINE LANGUAGES

### JavaScript

React · Redwood · Angular · Zepto

Python · Perforce

CI/CD · YAML

Docker · Argo

Terraform · Consul

Ruby · Postgres

Nomad · Hadoop

Rails · Packer

MongoDB · Django

Puppet · Chef

Vault · Vagrant

GlusterFS · Cassandra

AWS · GCP

Unix CLI · Papertrail

Kubernetes · Lambda

## ONLINE CERTS

DUKE UVA NYU DARTHOOUTH

MICHIGAN

## ABOUT

01

Software Engineer with 12+ years of experience specializing in DevOps and Perforce. Possess deep expertise with CI/CD pipelines, YAML, Docker, Perforce, and other infrastructure technologies managing global server deployments. Clients include Stanford University, Lockheed Martin, Nike, Harvard University, NIH, American Medical Association, St. Jude Children's Hospital, MIT, Google and Ministry of Justice.

Additionally, extensive Developer Advocacy experience giving talks at various conferences including IBM, Droidcon, Arm, Replicated, LeadDev, DevOps Conf, and more.

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## WORK EXPERIENCE

02

01

2019 – Current

### Software Engineer

Travis CI · San Francisco, CA

Built and integrated features enabling increased flexibility and customization for users' builds. Added new functionalities while meeting deadlines. Gave talks on Travis CI at multiple developer conferences.

Provide forum support from a Software Engineer's perspective. Integrate new functionalities. Expertise with version control systems including Perforce for enterprise environments.

02

2016 – 2018

### Lead Software Engineer

Cheekd · New York, NY

Managed a 3-engineer team for 3 years. Implemented features in React Native and Django. Created and led buildout of "Access Point Hopping," for which I obtained a US Patent.

03

2015 – 2016

### Software Engineer

FC Flamingo · Santa Monica, CA

Full stack engineer, building web apps in the summer of 2015 using Ruby on Rails for big brand clients focused on DevOps.

04

2012 – 2015

### Software Engineer

Path · San Francisco, CA

Defining, implementing, and supporting server-side APIs for Path's mobile and web-based applications and iterating on prototypes quickly in Python.

## PROJECTS

03

NORTHROP GRUMMAN

2024

### Jellyfish

Contributed to Jellyfish, Northrop Grumman's open-source Architecture-as-Code suite. Jellyfish brings the Infrastructure-as-Code paradigm to system architecture, letting engineers describe complex system designs in a domain-specific language and generate software projects, dependency graphs, and architectural quality reports from those models.

ARCHITECTURE-AS-CODE JAVA DSL GRADLE OPEN SOURCE

LOCKHEED MARTIN

2023 – 2024

### Chaordic Ledger

Collaborated with Dr. Michael Marchini, PhD from Lockheed Martin on the Chaordic Ledger — a distributed system exploring the intersection of chaos theory and ordered data integrity for mission-critical defense applications.

DISTRIBUTED SYSTEMS CHAOS THEORY DEFENSE

COVID TRACKING PROJECT

PERFORCE

LINUX

RAILS GIRLS SUMMER OF CODE

OPENSTACK

EVENT SPEAKER

04

**IBM Z DAY**

Keynote / Talk

**ARM DEVSUMMIT**

Conference Talk

**LEADDEV**

Conference Talk

**DROIDCON**

Conference Talk

**REPLICATED**

Conference Talk

**DEVOPS CONF**

Conference Talk