

NICK DUNKLEE

STAFF ENGINEER

P 303-834-2042

E nick@dunklee.org

A Longmont, Colorado

EXPERIENCE

2021 to Present – Staff SDET – Sovrn

2018 to 2021 – Senior SDET – Sovrn

- Create metrics dashboard across all company software, tracking speed, security, performance, availability, quality metrics, leveraging APIs from: Github, VictorOps, SonarQube, Monocle, Dependabot, Synthetics tests
- Ephemeralize testing environment so entire tech stack can run locally in Docker to shut down remote costly datacenter
- Replaced expensive commercial performance-testing software with custom scalable EKS solution to save \$10,000/yr
- Design migration plan from legacy Kafka to 2.3 and performance test compression mechanisms to maximize speed vs record size
- Architect transition plan for live upgrade of global Aerospike infrastructure to avoid downtime/revenue loss, automating via Ansible/Molecule
- Deploy SonarQube across org to automate code coverage reporting
- Onboard junior engineers and standardize onboarding practices on engineering teams to speed the onboarding-to-productivity transition

2016 to 2018 – Software Development Engineer in Test – Spectra Logic

Ruby-Cucumber, PowerShell, Bash frameworks for test automation; S3 cloud simulation for test automation; big data deep storage testing; automated tape library testing

2011 to 2016 – Senior Software Engineer – Qualcomm, Inc.

Automate testing of prototype, virtual chips, 3G, LTE, smartphone, cell tower, APQ8064, and others; migrate source control to Git from ClearCase; automated log parsing and reporting; increase reliability of lab equipment to reduce losses

2008 to 2011 – Software Engineer III – Cisco Systems, Inc.

IPSec, AnyConnect, 3G MicroCell, Telepresence, virtual build automation infrastructure, release engineering, teaching, budgeting to reduce spend

2007 to 2008 – Software Engineer II – Apple, Inc.

iPhone, macOS, iCloud, Time Capsule, VPN, WiFi Projects

COMMUNICATION

Present multiple tech demos at current and former employers.

Trained remote India team from US for cell tower/phone testing to reduce travel expense.

LEADERSHIP

2017-2021 HOA President for 1000-home HOA, reduced water usage/expense by \$30,000/year with no increase in HOA dues

EDUCATION

University of Michigan

Bachelor of Science

Major: Computer Information Systems

Minor: Computer Science

KEY SKILLS

- AUTOMATE ANYTHING
- MAKE ANY SYSTEM TALK TO ANY OTHER SYSTEM
- CREATED A 1000-MILE-LONG USB LINK OVER WAN (YES, ANYTHING!)
- ABILITY TO TALK WITH HUMANS AND TEACH THEM HOW EVERYTHING WORKS REGARDLESS OF TECHNICAL LEVEL
- DOCUMENT LIKE IT'S MY JOB

EXTRA LEARNING

- AWS INFRASTRUCTURE
- AWS CLOUD PRACTITIONER
- KUBERNETES FOR DEVELOPERS
- DATADOG
- REACT