





# DAVID ONTIVEROS

 (917) 737-1957  [jobs@davido.io](mailto:jobs@davido.io)  [GitHub](#)  [LinkedIn](#)

## Education

---

### Rutgers - New Brunswick

January 2024

Bachelor of Science in Computer Science - Cum Laude - 3.58 / 4.00

## Skills

---

**Certifications:** AWS Certified Solutions Architect - Associate, Certified Kubernetes Administrator (CKA)

**Automation and Orchestration:** Ansible, Artifactory, Chef, Docker, Github Actions, Helm, Kubernetes, Puppet, Terraform

**Cloud Platforms:** AWS, Azure, Google Cloud Platform

**Databases:** MongoDB, MsSQL, MySQL, Oracle, Percona, PostgreSQL, Redis, SQLite

**Misc:** \*BSD, FIX messaging, GCC, Ghidra, Git, IDA Pro, KVM/Qemu, LLVM, Linux (RHEL and Ubuntu), Node.js, VMware, Windows Server, nginx, x64dbg

**Monitoring:** Datadog, ELK Stack, Grafana, ITRS Geneos, Prometheus, Zabbix

**Languages:** Bash/Shell, C, C++, CSS, HTML, Java, Javascript(Node.js, React), Kotlin, Lua, Perl, PowerShell, Python, React, Rust, TypeScript

## Experience

---

### Senior Support Engineer

Apr 2018 – Nov 2022

R3

- Developed best practices model for on-prem and cloud deployments leveraging DLT platform
- Created cloud based permissioned DLT networks utilizing Ansible, Terraform, and CloudFormation
- Orchestrated delivery of large scale DLT projects, building 100-node member networks utilizing Kubernetes
- Integrated bespoke PKI trust chains with AWS CloudHSM, Azure Dedicated HSM, and various physical HSMs conforming to client specifications
- Designed and optimized user applications running on DLT platform using EC2, Route53, RDS, and VPC networking according to client specifications
- Held Office Hours on Slack for 100+ viewers soliciting feedback from clients and users to improve operational efficiency of DLT platform

### Senior Site Reliability Engineer

Nov 2015 – Feb 2018

JPMorgan Chase & Co.

- Ported 100% of legacy Perl and Python 2 start-of-day, start-of-week, and end-of-day scripts to Python 3, enhancing maintainability and readability of the codebase
- Conducted post-mortem analyses and achieved a 90% reduction in downtime by reducing staff errors through standardized procedures in the production environment
- Achieved a 75% reduction in start-of-week staff requirements by implementing automation, streamlining operations for greater efficiency
- Designed and implemented high availability and disaster recovery (HA/DR) solutions using Python 3, reducing Recovery Time Objective (RTO) by 60%
- Established a global privileged access model, tightening access controls and optimizing production and development environments for all SRE teams
- Standardized monitoring checks and centralized logging across global infrastructure and homogenized all environments for consistency
- Designed and implemented a software development lifecycle for SRE operational scripts, enhancing release management, automating daily operations, and streamlining deployments

### Site Reliability Engineer

Dec 2013 – Nov 2015

JPMorgan Chase & Co.

- Ported 100% of legacy Perl and Python 2 start-of-day, start-of-week, and end-of-day scripts to Python 3, enhancing maintainability and readability of the codebase
- Designed and implemented high availability and disaster recovery (HA/DR) solutions using Python 3, reducing Recovery Time Objective (RTO) by 80%
- Implemented a privileged access model and mirrored development environment, reducing release issues by 60%
- Conducted post-mortem analyses and achieved a 35% reduction in downtime by reducing staff errors through standardized procedures in the production environment
- Created a software development lifecycle for SRE scripts, improving release management, automating operations, and streamlining deployments
- Created enhanced onboarding procedures for all new staff to ensure rapid attainment of baseline knowledge
- Programmed an auto-generated monitoring solution using ITRS Geneos that automatically detects infrastructure changes, providing a visual dashboard and updated metrics