

David Egan Evans <deweirw@gmail.com>/<sinuhe@gnu.org>

Summary: Two decades of professional experience with cross-platform software engineering (GNU/Linux, macOS, Windows), AWS, web development, text processing, technical writing and editing, and SRE.

Skill Highlights:

- Awk, AWS, Bash/Dash, C, Python, \TeX , Troff, XML/xHTML
- Apache/Nginx, Atlassian Jira/Confluence, AWS (EC2, ECS, elasticache, Fargate, Kafka, RDS, Redis, Route53, S3), BIND, Btrfs, Cacti, CUPS, DataDog, Docker, ext4, GitHub Actions, GoCD, ISC DHCP, Logrotate, LVM, GRUB 2, Nagios, NFS (FACLs), LDAP, OpenSSH, Postfix, PostgreSQL, Procmail, Request Tracker (RT), Rsyslog/Sysklogd, SELinux, Splunk, systemd/journald, Sysstat, Vault, vsftpd, XFS
- RPM/Kickstart and dpkg/preseed package building, Yum/Dnf/Zipper/APT.
- Current hobbies include Project Oberon 2013, Modula-2, Blackbox Component Builder; Knuth's \TeX ; Atmel development boards, Raspberry Pi, FPGA, Slackware and LFS.

Myriad Genetics, Inc. (June 2020-current) Site Reliability Engineer III

Designed SaltStack environment for GNU/Linux and Windows administration of 1000+ GNU/Linux servers and services. Maintains AWS and on-prem HiTrust/HIPPA/PCI/Sox compliant services for internal and external users using SRE approach of testing, automation, and managed change. Maintains legacy Puppet/Ruby infrastructures, and introduced SaltStack to MWH development and deployment. Designs and maintains websites, and provides support escalation to engineering groups on system's architecture, performance, capacity planning, and monitoring. Handle infrastructure for Python/Django websites and apps. On-call for critical outages.

Myriad Genetics, Inc. (May 2016-June 2020) Systems Administrator III/IV

Designed DevOps SaltStack environment for administration of 500+ GNU/Linux servers. Deployed, maintained, and monitored GNU/Linux, Windows (storage apps), NetApp, Hitachi, VMware ESXi and Dell servers; carbon-cache/relay with diamond agent and graphite; maintained compute resources with grid-engine; web developer; Apache and Tomcat administrator; RT administrator; MySQL and MariaDB administrator. On-call for critical outages.

iTransact, Inc. (December 2015-May 2016): SaltStack engineer

SaltStack engineer (CentOS, KVM/Qemu, and OS X servers), PCI compliance. On-call for critical outages.

Guru Labs L.C. (July 2007-December 2015): software engineer, technical writer, instructor

Software engineer responsible for maintaining textbook build system (Ruby, Python, \TeX , Context, XML), and lab system configuration and tools (Perl, RPM, RHEL/SLE (SUSE)/Ubuntu, shell, C). editor of the Guru Labs courseware, and significant contributor as technical writer (shell scripting, PHP, Perl, GNU/Linux); Oracle, HP, LearnQuest courseware author. Red Hat Examiner (RHCI/RHCX 20070809-20100421);

Non-Profit Volunteer Work:

- Open-source software projects: deevans' core GNU/Linux, CorePKG, FlacCDA

Certifications and Training:

- Salt Lake Community College
- EfM from Sewanee University of the South
- A+, Linux+/LPIC 1, RHCE, Novell CLA and DCTS
- Working on AWS Certified Solutions Architect Associate