

Justin Alexander Roth

Resume: <http://justinroth.org/Justin-Roth-Resume-2025b.pdf>

LinkedIn: <https://www.linkedin.com/in/justinroth/>

Calendly: <https://calendly.com/iamjble> GitHub: <https://github.com/jble>

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Skills

- In-depth expertise with Linux (Debian/RedHat/Ubuntu), Solaris, BSD variants, macOS, iOS, Android
- Platform Engineering, DevOps, Site Reliability Engineering
- AI-assisted computer programming – Claude code, Cursor-agent, Copilot, ChatGPT, etc.
- Normal Computer programming - Python, Ruby, C, C#, Perl, and shell scripting
- Data center, infrastructure, and systems automation/monitoring/reporting
- IAC (Kubernetes, Terraform) Containers (Docker), Configuration Management (Ansible, Chef, Puppet)
- Cloud computing (AWS, Azure, GCP), CI (Jenkins), IAAS (Terraform, K8S / Kubernetes)
- Network security, including firewalls and intrusion detection systems
- Network and NAS administration with Cisco, NetScaler, Foundry, and NetApp

Professional Experience

11/2022 – 10/2023: Splunk (Contractor via TekSystems) – TechOps SRE - Alameda, CA

Handling incident tickets for customer SplunkCloud deployments

Writing Python code to make and track progress in handling emergency procedures during incidents

Troubleshooting issues and writing software to facilitate handling of incidents, writing documentation

2/2022 – 10/2022: Riot Games (Contractor via IES) – Container Ops - Alameda, CA

Responsible for handling emergent tickets for developers on container deployment issues

Writing Python code to gather data for security teams during ongoing incidents

Supporting developers by creating and maintaining documentation for container systems

Assisting with migrations between datacenters and container systems

8/2021 – 2/2022: Apple (Contractor via Advantis Global) – DevOps - Alameda, CA

Responsible for DevOps engineering on the Apple Online Store

Troubleshoot issues on services in one of the highest volume online retail operations in the world

Creating and maintaining documentation in support of retail engineering groups, assisted various groups with testing and making changes to services, performance engineering for caching services

8/2020 – 7/2021: Valis Biosciences, Inc. - Technical Director - Berkeley, CA

Responsible for the development, deployment, and maintenance of Valis products and internal processes, and prioritizing business system requirements and implementing solutions, creating and maintaining documentation

Successfully managed multiple projects, stakeholders (e.g., users, customers, clients,) and priorities simultaneously while helping PhD researchers create and distribute hardware and software packages to facilitate clinical trials

4/2018 – 5/2020: Uber - Senior Systems Engineer - San Francisco, CA

Wrote enhancements to tools for automation of the installation and discovery of racks, for server inventory, and validation and remediation of server hardware configuration settings

Wrote software to automatically configure BIOS and UEFI settings on vendor-provisioned racks

Worked on turn-up projects for 3 new zones in 3 data centers, each in different regions, configured custom NAT servers

Updated and extensively used Clusto, Uber's configuration management database, Troubleshoot issues with neteng

Wrote and maintained documentation, including runbooks, and served as technical mentor for new hires

3/2013 – 3/2018: Citrix/LogMeIn (GoToMeeting) - Staff DevOps Engineer, Platform - Santa Barbara, CA

Directly responsible for the health and maintenance of the largest and most resource-intensive parts of all products

Developed code that solved long-standing operational problems and allowed the release of HD Cam functionality

Developed code that allowed AWS hosting of meetings and was the first engineer to get a meeting working in AWS

Trained operations groups, performed incident response and reducing mean time to resolution of customer-facing incidents

Elected leader of reliability taskforce which identified improvements to operational processes

9/2011 – 3/2013: Bank of America - VP - Consultant II - Systems Engineering - Charlotte, NC

Developing and maintaining tools for managing infrastructure data, deploying Splunk infrastructure for key supported applications using BladeLogic, training operations groups in configuration management technologies (Puppet)
Infrastructure project reviews, incident response, problem management, recommending stability improvements

9/2008 – 3/2011: Oracle (Formerly Sun) - Senior Software Engineer, MTS, Platform Engineering - El Segundo, CA

Developed the SBMC device driver for Solaris on x86 and SPARC architectures
Tested kernel and device driver level software to support new hardware and standards for Sun's Solaris Operating System
Worked closely with other team members to verify functionality of Solaris drivers and other kernel-level code
Engineering code enhancements and security fixes in Solaris 10, 11, and OpenSolaris
Integrated open source and third-party software packages into OpenSolaris IPS repository
Part of the team responsible for integrating the OSS (Open Sound System) audio platform and device drivers

5/2006 – 7/2008: MySpace.com (Fox Interactive Media) - Systems Developer - Santa Monica / Beverly Hills, CA

With one teammate, managed all NetScaler load balancers and their configurations for the largest website on the internet at the time, on a network pushing 100+ Gb/sec, for millions of concurrent users, created tools for managing configurations of NetScaler Load Balancers, designed a Nagios monitoring infrastructure performing over 20,000 active service checks every five minutes, developed software (mostly in Ruby) to keep Nagios configurations updated continuously, wrote a Windows Service in C#/.NET to process alerts from monitoring systems, throttle alerts, and create tickets or perform automated corrective actions

6/2002 – 7/2005: Chaffee Interactive (ePublishing.com) - Lead SysAdmin - Chicago, IL

Grew from 25 to 130 servers, maintained e-commerce, online publishing, and internal resources for a major B2B publishing firm and a Fortune 500 corp., coordinated data center move from a single-vendor facility to a carrier-neutral facility

2/2002 – 6/2002: NETSEC, Inc. - Network Security Analyst I - Herndon, VA

Performed intrusion detection analysis for the network security operations center, analyzed intrusion detection systems data, including ISS RealSecure, Enterasys Dragon, NFR, and Snort, evaluated risks posed by suspicious traffic, reported on network activity, and advised customers from government and private enterprise on computer security issues pertaining to their infrastructure, using Netcool, Remedy, NeuSecure, etc.

9/1998 – 9/2001: CAIS Internet - Systems Engineer - McLean, VA

Managed a co-location facility and provided consulting services for co-location and managed server customers, built and managed servers running FreeBSD, OpenBSD, Linux, Solaris, NT, and Win2k, trained others in network and systems engineering, acted as primary sales engineer, performed all Linux and UNIX systems administration for the Network Operations Center and resolved issues relating to Linux and UNIX production servers for mail, news, HTTP, IRC, authentication, and DNS, resolved problems with DHCP and web servers in hundreds of hotels across the country, performed DNS changes on customer and corporate name servers for over 6000 domains

Education

1996 - 1999 University of Massachusetts (Amherst, MA)
1995 - 1996 George Mason University (Fairfax, VA)

Certification

2024 - 2027 AWS Certified Cloud Practitioner



US Citizen; Current Passport, Available for travel

Amateur Radio Operator (ARRL: KK6ITH)