

# David Bloss

[LinkedIn](#) | davidbloss.dev@gmail.com | [GitHub](#)

## PROFILE

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Senior software engineer with 10+ years experience across Platform, DevOps, and Software Engineering roles. Passionate designer/builder of developer accelerating tools, automating systems, and org-wide collaboration.

## SKILLS

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- Go | Python | Bash | TypeScript | JavaScript | HCL (Terraform) | Lua | PostgreSQL | MySQL
- AWS | Docker | Kubernetes | Terraform | Github CI | Gitlab CI | FluxCD | Helm | DataDog
- Microservices | Distributed Systems | Alerting Systems | Agentic Workflows | GitOps | Public Speaking

## EXPERIENCE

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**Senior DevOps Engineer, Fortune 500 Company - EverOps** *San Francisco, CA* **Jun 2025 - Present**

- Led org-wide Chaos Engineering initiative to improve service and infrastructure resilience of 25+ AWS EKS microservices, crafted experiments and documentation that is driving adoption company-wide.
- Spearheaded secure, end-to-end development of vendor software audit logging services, infrastructure, and observability, meeting regulatory compliance requirements and reducing audit prep time by 75%.
- Resolved years-long core delivery pipeline race-condition, eliminating difficult to reproduce critical bug.
- Administered, maintained, and developed integrations and apps for org's self-hosted Splunk Enterprise, this centralized data store serves to meet regulatory compliance and has reduced audit prep time by 65%.

**Senior Software Engineer, Platform Team - OpsLevel** *Toronto, ON* **Jul 2023 - Jan 2025**

- Pioneered conversion of Terraform provider to latest framework by writing flagship Go code that served as a guide for junior devs; upgraded provider boosted customer adoption by 65% and Q2 sales by 30%.
- Automated Go API client development by designing self-generating code, saving 100+ dev work hours.
- Built first AWS single-tenant via Terraform and Kubernetes, novel business offering shipped in 2 weeks.
- Executed 15 Kubernetes cluster upgrades and added Network Policies to enhance infrastructure security.

**Software Engineer, Developer Productivity - dbt Labs** *Philadelphia, PA* **Nov 2022 - May 2023**

- Reduced deployment times by 83% by refactoring internal Github Action code used to modify helm charts that trigger ArgoCD deployments on an array of microservices; saving 10 minutes per deploy.
- Engineered Go CLI program to standardize tool versioning, boosted productivity of 12+ dev teams.
- Upgraded Github CI dependencies across all 400+ repos meeting the Node 12 end-of-support deadline.

**Software Engineer - Lawrence Livermore National Laboratory** *Livermore, CA* **May 2018 - Nov 2022**

- Led lab-wide upgrades ahead of Python 2.7 end-of-life deadline by upgrading critical workflow code bases, documenting the upgrade process, and delivering two technical talks to the lab's 100+ employees.
- Developed Python script to visualize 15+ years of unstructured physics data into metrics on compiler performance across simulations, insights informed better compiler usage reducing runtimes by 20%.

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## EXPERIENCE

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### Software Engineer - Workday

*Pleasanton, CA* **Jul 2015 - May 2018**

- Developed Drupal/MySQL script that migrated 2.5M+ database records, including 120K active users, 4K organizations, 80K media files, during Drupal 6 to Drupal 8 major website upgrade.
- Expedited PHPUnit test development via Behat scripts, generated code resulted in 30% faster releases.
- Automated test development with Drupal's PHPUnit based testing framework and behat for UI testing via a templating engine, boosting developer throughput by 20%.

### Technical Sergeant - US Air Force

*Travis AFB, CA* **Nov 2007 - Nov 2017**

- Served 6 years in the USAF Reserve as a Lead QA evaluator at the Wing/base level, on the Wing Inspection Team, as a squadron Vehicle Control Officer, and Airfield Driving Program Manager.
- Served 4 years in Active Duty as a Missile Maintainer that inspected and repaired 100+ active ICBMs.

## EDUCATION

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### California State University, East Bay

*Hayward, CA* **Jun 2015**

B.S. Computer Science and Applied Mathematics

### Community College of the Air Force

*Travis AFB, CA* **Jan 2016**

A.S. Air Transportation

### Community College of the Air Force

*Malmstrom AFB, MT* **Oct 2011**

A.S. Missile and Space Systems Maintenance

## PROJECTS

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### EasyEPR, iOS app

**Feb 2017 - Dec 2023**

- Independently developed and published Easy EPR which helped thousands of enlisted U.S. Air Force members write their annual Enlisted Performance Reports (EPR) as part of their promotion package.

## AWARDS

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### IDEA Award (US Air Force)

**Jan 2017 - Mar 2017**

- EasyEPR improved the process of writing annual Enlisted Performance Reports for thousands across the Air Force, leading to my receiving the Innovative Development through Employee Awareness Award.