David Bloss

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

PROFILE

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

- Go | Python | Bash | TypeScript | JavaScript | Temporal | HCL | gRPC | GraphQL | PostgreSQL | MySQL
- AWS | Kubernetes | Docker | ArgoCD | Helm | FluxCD | Terraform | Github+Gitlab CI | DataDog | Splunk
- End-to-End Project Ownership | Distributed Systems | Alerting Systems | GitOps | Public Speaking

EXPERIENCE

Senior DevOps Engineer, Fortune 500 Company - EverOps   *San Francisco, CA*   **Jun 2025 - Present**
- Architected Chaos Engineering framework in Go and Temporal, deployed to AWS EKS clusters to stress test 20+ microservices; reducing MTTR by 30% and improving Disaster Recovery processes org-wide.
- Spearheaded end-to-end design, development, and deployment of multiple KMS encrypted audit logging services, deployed in SPIFFE/SPIRE integrated Istio service mesh, reduced audit prep time by 70%.
- Resolved years-long core delivery pipeline race-condition, eliminating difficult to reproduce critical bug.
- Administered, maintained, and developed integrations for self-hosted Splunk Enterprise instances, data from these integrations improved the company's operational visibility and incident response efficacy.

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

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

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

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

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.