Blair Gemmer

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# Summary

Multidisciplinary software engineer and product leader with 10+ years building backend systems, cloud infrastructure, and automation pipelines. Expert in Python, Django/Flask, and AWS serverless. Adept at turning business goals into scalable, observable platforms while mentoring cross‑functional teams.

# Core Competencies

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| Python Development | AWS Serverless | DevOps & CI/CD |
| System Design | Site Reliability | Agile / Scrum |
| Data Engineering | Mentorship | Automation |

# Professional Experience

**Freelance Software Engineer 2009 – Present**

* Delivered 20+ Django applications and Slack/Discord bots; automated CI/CD with GitHub Actions (–60% deploy time).
* Guided founders on MVP scope, analytics, and product‑market fit.

**Software Engineer Mar 2021 – Apr 2024**VYNYL, LLC

* Built HIPAA‑compliant virtual‑care portal (Lambda, SQS/SNS, Step Functions, S3, DynamoDB) with Serverless Framework.
* Added Playwright integration tests and Python data‑validation scripts, improving data integrity.
* Instrumented X‑Ray and CloudWatch dashboards and wrote incident runbooks.

**Software Engineer Sep 2019 – Mar 2021**Submittable, Inc.

* Managed CI/CD with CodePipeline and CloudFormation; automated Slack release notes and Dependabot security updates.
* Built EventBridge/Lambda automations; cut deploy overhead 30% and shifted releases to daily cadence.

**CTO Sep 2016 – Jul 2019**TOMIS, Inc.

* Launched a Django REST API + React SaaS platform for tour‑operator analytics; scaled to 100+ clients.
* Implemented SRE using Datadog monitoring and Sentry error tracking, maintaining 99.99% uptime.
* Built and led a team of 12 developers, implementing external data API automations, SMS/email notifications, and client-facing custom chatbots.

**Co‑Founder / CTO Jul 2015 – Jan 2017**dotmos, LLC

* Architected a social‑media/search aggregation platform (Django, Node.js) integrating 10+ APIs.
* Led 12‑person dev team; enforced code reviews, CI with DeployBot, Agile backlog in Asana.

**Data Scientist & Software Engineer Nov 2015 – Sep 2016**Upstream Research, Inc.

* Processed multi‑GB geospatial data with Python/ArcPy; published ArcGIS services.
* Built ASP.NET MVC app and PostgreSQL functions; automated ETL and REST endpoints.

# Education

**2014 | University of Montana** | M.S. Computer Science (ML/AI focus)

**2010** | **University of Montana** | B.A. Psychology, Minors in Mathematics & Media Arts

# Technical & Software Proficiency

**Languages:** Python, Bash, JavaScript, C#, SQL, R  
**Frameworks/Libraries:** Django, Flask, Node.js  
**Cloud & DevOps:** AWS (Lambda, Step Functions, S3, RDS, CodePipeline, CloudFormation), Docker, Kubernetes, GitHub Actions, Serverless  
**Monitoring & APM:** Datadog, Sentry, CloudWatch, X‑Ray  
**Databases/Cache:** PostgreSQL, Redis, DynamoDB  
**Tools:** Jira, Confluence, Slack, Git (GitHub/Bitbucket)