

Blair G.

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Summary

- Multidisciplinary software engineer and product leader with over 10 years of experience architecting and deploying scalable applications in Python, Django, AWS, and serverless infrastructure. Adept at translating vision into viable MVPs, leading cross-functional teams, and refining DevOps/SRE workflows. Deep background in AI, data science, and automation. Currently seeking roles in product management or engineering leadership.

Technical Skills

- **Languages:** Python, JavaScript, Bash, C#, SQL, R
- **Frameworks:** Django, Flask, Node.js, React.js, ASP.NET, Serverless Framework
- **DevOps:** AWS (Lambda, EC2, S3, IAM, RDS, EventBridge), GCP, Azure, GitHub Actions, Bitbucket Pipelines, Docker, CloudFormation
- **Monitoring & APM:** DataDog, Honeycomb, Stackdriver, CloudWatch, Sentry
- **Tools:** Jira, Confluence, Slack, Usersnap, Postman, VSCode, PyCharm
- **Other:** ArcGIS, PostgreSQL, REST APIs, Pandas, Celery, Redis, OpenGL

Experience

1. *Freelance Software Engineer* May 2009 – Present
{Missoula, Montana}
 - Built custom web applications using React, Django, and Flask for local and international clients.
 - Developed Slack and Discord bots for automating workflows and integrating APIs.
 - Consulted early-stage startups on MVP development, roadmapping, and product strategy.
 - Automated deployment workflows using GitHub Actions and serverless deployment pipelines.
 - Contributed to open-source software and maintained several tools including a PyPI-published OMDb API wrapper.
 - **Impact:** *Delivered scalable, maintainable solutions that empowered founders to validate ideas, launch products, and grow with confidence.*
2. *Software Engineer / DevOps Consultant* **VYNYL** March 2021 – April 2024
{Missoula, MT / Remote}
 - Developed a customer portal using AWS Lambda, SQS, SNS, S3, DynamoDB, Step Functions.
 - Streamlined deployments with Serverless Framework.
 - Built CI/CD pipelines with GitHub Actions and Python's unittest.
 - Used AWS X-Ray and CloudWatch for performance monitoring.
 - Built integration tests (Playwright) and Python-based data validation for UCSF Multitudes.
 - **Impact:** *Advanced the reliability, scalability, and performance of healthcare and education platforms.*
3. *Software Engineer – DevOps Focus* **Submittable, Inc.** September 2019 – March 2021
{Missoula, Montana}
 - Orchestrated production deployments via AWS CodePipeline.
 - Automated releases with GitHub release notes + Slack integration.
 - Built Serverless Framework stacks for test/production environments.
 - Managed IAM, ELB, RDS, and Route 53; set up CloudWatch alarms.
 - **Impact:** *Reduced deployment overhead 30%, improved release cadence from weekly to daily.*
4. *CTO / Technical Lead* **TOMIS, Inc.** September 2016 – July 2019
{Missoula, Montana}
 - Owned technical direction and implementation for SaaS product (Django/React).
 - Led Agile process, QA, CI/CD pipelines, and SRE (DataDog, Honeycomb).
 - **Impact:** *Delivered a platform that streamlined marketing automation and analytics for four operators.*
5. *Co-Founder / CTO* **dotmos, LLC** July 2015 – January 2017
{Missoula, Montana}

- Built social media/search aggregation platform (Django, Node.js, React).
 - Managed feature development, internal tools, and product evolution.
 - **Impact:** *Unified diverse digital content into a clean, discoverable experience.*
6. *Data Scientist / Software Engineer* **Upstream Research, Inc.** November 2015 – September 2016
{Missoula, Montana}
- Processed federal/state data into ArcGIS layers using Python/ArcPy.
 - Built ASP.NET MVC tools, performed QA, wrote PostgreSQL functions.
 - **Impact:** *Delivered actionable geographic data tools to support community and health analysis.*

Education

- **University of Montana – Missoula, MT**
M.S. in Computer Science (2014), Focus: Machine Learning and AI
B.A. in Psychology, Minor in Mathematics and Media Arts