

Summary

Full-stack software engineer and technical product strategist specializing in automation, delivery systems, and cloud infrastructure on AWS. In the past five years: raised deploy cadence, standardized CI/CD and IaC, and improved reliability with clear observability. I focus on systems that reduce toil, surface signal, and ship value quickly. Recently, I have been leveraging AI resources and tools such as ChatGPT, n8n, MCP, and Linear to maintain quality while reducing research and development costs.

Core Skills

- **CI/CD and Quality:** AWS CodePipeline, GitHub Actions, Bitbucket Pipelines, Tox, Poetry, Pytest, Playwright
- **IaC and Environments:** CloudFormation, Serverless Framework; IAM/ACM, Route 53
- **Observability and SRE:** CloudWatch, X-Ray, Datadog, Honeycomb, Sentry; runbooks and rollback paths
- **Cloud and Infrastructure:** Lambda, EventBridge, EC2/ELB, RDS, DynamoDB
- **Languages and Frameworks:** Python, TypeScript/JavaScript, SQL; React, Next.js

Selected Experience

Freelance *Software Engineer and Consultant*

May 2009 - Present

- Automated delivery and ops for small teams; GitHub Actions pipelines and serverless deployments on AWS.
- AI and automation integrations: OpenAI API and n8n with Slack bots for approvals, summaries, and internal tools.

VYNYL *Software Engineer*

Mar 2021 - Apr 2024

- Reproducible environments with Serverless Framework; GitHub Actions pipelines; CloudWatch and X-Ray across Lambda services.

Submittable *Software Engineer in DevOps*

Sep 2019 - Mar 2021

- CI/CD with CodePipeline and CloudFormation; EventBridge workflows; quality bars with Pytest and Tox; certs and networking with ACM and Route 53.
- On-call with fast rollback; moved cadence from weekly to daily and reduced release overhead about 30 percent.

TOMIS *CTO*

Sep 2016 - Jul 2019

- Delivery and reliability practices: Bitbucket Pipelines, Jira, Confluence, Usersnap, Sentry; monitoring with Datadog and Honeycomb; incident comms via Statuspage and UptimeRobot.

Education

M.S., Computer Science (AI/ML emphasis) — University of Montana

B.A., Psychology — University of Montana *Minors: Mathematics, Media Arts*