

Summary

Multidisciplinary software engineer and product leader with 10+ years of experience delivering robust web apps, automation tools, and cloud infrastructure. Blends technical depth with human-centered design. Specializes in backend Python development, DevOps pipelines, and cross-functional collaboration.

Technical Skills

Languages: Python, JS, Bash, C#, SQL, R

Frameworks: Django, Flask, Node.js, React, ASP.NET

Cloud/DevOps: AWS (Lambda, EC2, S3, IAM, RDS), Serverless, GitHub Actions, Bitbucket Pipelines, Docker

Monitoring/APM: DataDog, Honeycomb, Stackdriver, CloudWatch, Sentry

Tools: Jira, Confluence, Postman, Slack, ArcGIS, PostgreSQL, Redis

Experience

- *Freelance Software Engineer*, Missoula, MT (2009–Present)
 - Developed Django/React web apps and custom Slack/Discord bots.
 - Provided product strategy, MVP design, and full-stack engineering.
 - Automated CI/CD workflows using GitHub Actions and Serverless.
 - Contributed to open-source projects and mentored early-stage teams.
 - *Impact: Helped founders launch products and streamline operations.*
- *Software Engineer*, VYNYL (2021–2024)
 - Built AWS Lambda and Step Function pipelines for healthcare apps.
 - Created mobile-responsive portals for Athena scheduling and Zoom visits.
 - Implemented GitHub Actions CI/CD pipelines and unittest coverage.
 - Developed Playwright-based tests and Python data validation scripts.
 - *Impact: Boosted reliability, testing, and developer velocity.*
- *Software Engineer*, Submittable (2019–2021)
 - Managed deployments via AWS CodePipeline and Serverless Framework.
 - Built deploy automations with EventBridge and Lambda.
 - Monitored production systems using CloudWatch and Slack integration.
 - Maintained IAM roles, Route 53 DNS, and on-call troubleshooting.
 - *Impact: Improved uptime and release cadence by 30%.*
- *CTO*, TOMIS (2016–2019)
 - Led product and engineering for a Python/Django and React SaaS app.
 - Managed Jira workflows, QA, roadmap planning, and release pipelines.
 - Integrated 3rd-party APIs and marketing automation tools.
 - Oversaw monitoring (DataDog, Stackdriver), QA, and incident response.
 - *Impact: Built a modern platform that scaled to 100+ clients.*
- *Co-Founder/CTO*, dotmos (2015–2017)
 - Designed a media/search aggregator with Django, React, and Node.
 - Created interactive dashboards and a scalable search UI.
 - Managed deployments, documentation, and customer feedback loops.
 - *Impact: Unified social and search content into a single UX.*
- *Software Engineer*, Upstream Research (2015–2016)
 - Processed GIS datasets using ArcPy, Python, and Azure services.
 - Built ASP.NET tools and PostgreSQL data pipelines.
 - QA'd REST APIs with custom Python testing scripts.
 - *Impact: Enabled health/environmental analysis using geodata.*

Education

University of Montana – Missoula, MT

M.S. in Computer Science, 2014 — Focus: Machine Learning/AI

B.A. in Psychology, Minor in Math/Media Arts