

## Summary

Multidisciplinary software engineer & product leader with 10+ years shipping production-grade web apps, automation pipelines, and cloud infrastructure. Expert in Python, Django/Flask, React, and AWS serverless; skilled at turning business goals into scalable, observable systems while mentoring cross-functional teams.

## Technical Skills

**Languages:** Python, JavaScript, Bash, C#, SQL, R

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

**Cloud/DevOps:** AWS (Lambda, Step Functions, S3, RDS, CloudFormation), GitHub Actions, Docker, Kubernetes, Serverless

**Monitoring/APM:** Datadog, Sentry, CloudWatch, X-Ray

**Databases/Cache:** PostgreSQL, RDS, S3, Redis, DynamoDB

**Collaboration:** Jira, Confluence, Slack, Git (GitHub/Bitbucket)

## Professional Experience

### *Freelance Software Engineer*

Jan 2009–Present

Built 20+ Django/React apps & Slack/Discord bots; automated CI/CD with GitHub Actions (–60 % deploy time).

Guided founders on MVP scope, analytics, and product-market fit.

### *Software Engineer VYNYL, LLC*

Mar 2021–Apr 2024

Built a HIPAA-compliant virtual-care portal (Lambda, SQS/SNS, Step Functions, S3, DynamoDB); deployed via Serverless Framework & GitHub Actions.

Added Playwright tests & Python data-validation scripts for UCSF Multitudes, boosting data integrity.

Instrumented X-Ray/CloudWatch dashboards; wrote runbooks; partnered with FE, QA, product to hit deadlines.

### *Software Engineer Submittable, Inc.*

Sep 2019–Mar 2021

Ran CI/CD with CodePipeline, CloudFormation, Serverless; automated Slack release notes & Dependabot security fixes.

Built EventBridge/Lambda automations, tuned IAM, managed SecOps on EC2/ELB/RDS; on-call responder for prod issues.

Cut deploy overhead 30% and shifted releases from weekly to daily, keeping near-24/7 uptime.

### *CTO TOMIS, Inc.*

Sep 2016–Jul 2019

Launched a Django + React SaaS for tour-operator analytics; scaled to 100+ clients.

Scrum Master—ran Jira, Confluence, Bitbucket; instituted Bitbucket Pipelines CI; wrote release notes.

Led DevOps/SRE: Datadog, Honeycomb, Stackdriver, Sentry, UptimeRobot, Statuspage (99.99% uptime).

### *Co-Founder / CTO dotmos, LLC*

Jul 2015–Jan 2017

Architected a social-media/search-aggregation platform (Django, Node.js, React) integrating 10+ external APIs.

Led a 5-person team; enforced code reviews, CI with DeployBot, Agile backlog in Asana.

Used analytics + feedback for rapid feature iterations, boosting engagement for creators and users.

### *Data Scientist & Software Engineer Upstream Research, Inc.*

Nov 2015–Sep 2016

Processed multi-GB geospatial data with Python/ArcPy; published ArcGIS services for state health dashboards.

Built an ASP.NET MVC app + PostgreSQL functions; automated ETL & REST endpoints, shrinking refreshes from days to hours.

Deployed to Azure, load-tested APIs, and held 99.99% uptime while handling support tickets and SLA compliance.

## Education

**University of Montana - Missoula:**

{2014} M.S. Computer Science (ML/AI)

{2010} B.A. Psychology, Minor Mathematics & Media Arts