ARAM PODOLSKI

✉ aram.podolski@protonmail.com   🔗 arampodolski.com   in arampo   ⌾ arpodol

PROFILE

I'm a Senior Backend Engineer with 10+ years of software engineering experience. I started my career writing software that went around the Moon and now I build scalable backend systems and cloud infrastructure. I care about reliable software, strong collaboration, and leaving systems better than I found them.

EXPERIENCE

02/2021 – Present
Denver, Colorado

Ibotta Inc., *Senior Platform Engineer*
- Demonstrate strong ownership by proactively improving shared Terraform modules (bug fixes and friction reduction) and improving cost efficiency via Lambda autoscaling enablement, Lambda Power Tuning right-sizing, and cleanup of unused infrastructure and wasteful GitHub Actions.
- Improve reliability by building Datadog dashboards/alerting and adding circuit breakers to critical workflows, strengthening incident response and resiliency.
- Led the creation of an event-driven service that enriches offer data for multi-billion-dollar retail partners, building scalable APIs and asynchronous processing on AWS (API Gateway, Lambda, DynamoDB, SQS/SNS).
- Enabled a contractor-driven review workflow by implementing a DynamoDB/S3/SQS pipeline across existing services and partnered on secure contractor access controls, saving an estimated ~$900K/year in opex.
- Tech led an account linking integration for a multi-billion-dollar retail partner across Web, iOS, and Android, driving cross-team coordination through launch.
- Owned partner authentication as the team's Auth0 point person, maintaining tenants and unblocking complex integrations with security/privacy in mind.

08/2020 – 02/2021

Launch School, *Full-Stack Web Development Program*
haven-secrets.github.io 🔗
- As part of a career pivot into web development, co-built an open-source secrets manager (AWS, Node/Express, React) with envelope encryption (KMS + AWS Encryption SDK) and least-privilege IAM by project/environment
- Automated infrastructure with CloudFormation, used DynamoDB for secure storage/lookup, and published supporting npm packages; case study: https://haven-secrets.github.io/case-study 🔗

03/2014 – 07/2020
Littleton, Colorado

I2X Technologies, *Flight Software Engineer, Senior Flight Software Engineer*
- Built and verified mission-critical flight software for NASA's Orion crew vehicle, spanning design, implementation, integration, and verification.
- Delivered command-routing software enabling Orion–European Service Module communication for Artemis I; launched Nov 16, 2022 with multiple lunar flybys.

EDUCATION

2009 – 2013

B.S. Aerospace Engineering, *University of Colorado at Boulder*

SKILLS

Core:
TypeScript/JavaScript, Node.js, REST APIs, microservices, event-driven systems

Tools:
Git, CI/CD, Auth0, React (familiar), Copilot/Gemini/OpenCode

Cloud/Infra
AWS (Lambda, API Gateway, DynamoDB, S3, SQS, SNS, IAM, KMS), Terraform, Datadog, Kubernetes (familiar)