

Erin Gallagher

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[Github](#), [Linkedin](#)

Technical Skills

- **Languages & frameworks:** Go, JavaScript, React, Next.js, Node.js (Express), Java, Kotlin, Swift
- **Technologies:** PostgreSQL, Kafka, Redis, Cassandra, Cadence, Docker, H3, Google Cloud, Grafana
- **AI Tools:** Claude Code, GitHub Copilot, Gemini

Work Experience

Uber | Staff Software Engineer

Jul 2024 - Apr 2025

- Led the architecture of [Bites](#), Uber's first video discovery feature, driving a 3% increase in merchant orders and 17% lift in user engagement across 12+ cities while maintaining 99.9% uptime at launch
- Defined engineering vision and North Star architecture for video at scale across Uber, securing alignment from Sr. Directors, and Principal Engineers while aligning 4+ cross-functional teams
- Architected Uber's first automated video processing pipeline using Cadence and Google Cloud, enabling geographic expansion and scalable transcoding for thousands of videos per day across cities
- Drove the engineering roadmap and led a team of 5 engineers, balancing infrastructure investment with mentorship on performance and distributed systems design

Uber | Senior Software Engineer, Software Engineer II

Oct 2019 - Jul 2024

- Architected full-stack rule engine-powered carousel generating \$10M in Ad ARR, establishing a reusable low-code framework for building carousels adopted across the Ads platform
- Drove on-call excellence across 2 teams: audited 100+ alerts, cut noisy pages by 50%, and increased actionable alert rate by 16%, reducing incident response time
- Founding engineer on Ads team, built and owned iOS reporting pipeline foundational to \$1B+ Ads business

Connected (Product Dev Firm) | Software Engineer

Aug 2018 - Oct 2019

- Architected Android multi-device Bluetooth pairing as client lead for Bose global flagship headphone launch

TD Bank | IT Solutions Developer

Jul 2016 - Aug 2018

- Shipped iOS and Android app features, bill payments and real-time currency conversion, for millions of users

Speaking Engagements

Grace Hopper Conference (20,000+ attendees)

Oct 2024, Oct 2026

- Selected Speaker, Grace Hopper Celebration 2026: Building Fast, Intentional MVPs
- [Delivered talks](#) on monitoring and alerting systems and scalable cross-platform mobile architecture

Awards

Uber | Global Engineering Award

Sept 2024

- Recognized for engineering excellence, technical impact and results-driven team leadership on Bites

Evoke Canada | Developer 30 Under 30

April 2019

- [Recognized](#) as one of the top 30 developers under the age of 30 from all disciplines across Canada

Education

Queen's University | Bachelor of Computing, Honours

Sept 2012 - May 2016