Ronan Byrne Tech Lead

New York, NY · ronan.byrne@gmail.com · +1 646-555-0118 · linkedin.com/in/ronanbyrne

PROFILE SUMMARY

- **Tech Lead** with **6 years** in back-end engineering, the last year leading a **5-engineer member safety team** on a **dating app with millions of members**, focused on **reporting and moderation services**.
- Hands-on with **Go**, **Python**, **PostgreSQL**, **AWS** (ECS, SQS, S3), **Terraform**, **Datadog** and **GitHub Actions**.
- Strong in **splitting projects into milestones**, **design docs**, **code review** and **on-call hygiene**, while still writing about half of the team's back-end code.
- Works with the **engineering manager, product manager, trust and safety operations** and the **iOS and Android teams** in sprint planning and launch reviews.
- Onboarded **2 new engineers** in the first quarter as lead and started the team's **weekly design doc review**.

TECHNICAL SKILLS

Languages & Frameworks:	Go, Python, Django, TypeScript, React
Cloud & Infrastructure:	AWS (ECS, SQS, S3), Docker, Terraform
Databases & Messaging:	PostgreSQL, Redis, Amazon SQS
Architecture & Design:	Design docs, REST APIs, gRPC, event-driven architecture
Testing & CI/CD:	Code review, CI/CD (GitHub Actions), Go testing, pytest, feature flags
Observability & On-Call:	Datadog, PagerDuty, SLOs, postmortems, runbooks
Planning & Team Practices:	Sprint planning, Jira, estimation, pair programming, onboarding plans

EDUCATION

Rensselaer Polytechnic Institute — **B.S. in Computer Science** — Troy, NY · Aug 2016 to May 2020

WORK EXPERIENCE

Hinge — **Software Engineer to Tech Lead, Member Safety** — New York, NY · Feb 2023 to Present

- Wrote the design doc for a new report intake service and most of its **Go** code, moving reports off a Python cron job onto Amazon SQS and cutting time to the moderator queue from 15 minutes to **40 seconds**.
- Set the team's first quarterly tech plan with the EM and PM, then split the block and report redesign into 6 milestones in Jira and shipped it on iOS and Android **1 week** early.
- Set a 1-business-day code review target and added integration tests against **PostgreSQL** in GitHub Actions, cutting rollbacks on the safety services from 5 a quarter to **1**.
- Onboarded 2 new engineers with a 30-day plan and paired with each of them on their first tickets, and both shipped production changes within their **first 2 weeks**.
- Joined the on-call rotation for 4 safety services, moved alerts to SLOs in **Datadog** and wrote runbooks, cutting the median time to resolve a page from 50 to **18 minutes**.

Noom — **Software Engineer** — New York, NY · Jul 2020 to Jan 2023

- Built the meal logging API in **Python** and Django, adding a Redis cache that cut p95 response time from 900 ms to **210 ms**.
- Moved 3 nightly jobs from cron on EC2 to scheduled ECS tasks defined in **Terraform**, cutting failed overnight runs from 6 a month to **0**.
- Reviewed code for 4 summer interns across 2 years, and **3 of the 4** came back as full-time engineers.