FRANCIS GENET

ENGINEERING MANAGER · SAN FRANCISCO BAY AREA

Technical Leadership · Platform Engineering · Distributed Systems · Product Engineering

14
YEARS BUILDING BACKEND & DATA PLATFORMS

WEB francis.purlin.dev | LINKEDIN linkedin.com/in/francisgenet | GITHUB github.com/frifri | BLOG dailyai.life

SUMMARY

DRIVER PROFILE

Engineering manager with 14 years building backend and data platforms, now at Sentry. At Airbyte I led the platform team that owns the core data infrastructure used by thousands of customers. Before moving into management I was a staff engineer at Airbyte and Mozart Data, where I shipped product end to end, from connectors and data pipelines to billing, and owned the observability and SOC 2 work behind it. Earlier I built APIs and backend systems at Amino, Clover Health and Guidebook.

EXPERIENCE

STINTS · MOST RECENT FIRST

JUL 2026 → PRESENT

SENTRY / ENGINEERING MANAGER

NOV 2025 → JUL 2026

AIRBYTE / ENGINEERING MANAGER

- Led a platform team owning core data infrastructure services used by thousands of customers, ensuring reliability and scalability across distributed systems
- Owned planning, prioritization, roadmap sequencing, and cross-team dependency management
- Guided architectural decisions for distributed systems handling large-scale batch data processing on AWS and GCP
- Drove observability practices (Datadog monitoring, dashboards, alerting) and operational readiness across platform services
- Restructured repository governance and engineering standards to improve cross-team collaboration
- Supported hiring, onboarding, and engineer career development through regular 1:1s and feedback

OCT 2024 → NOV 2025

AIRBYTE / STAFF SOFTWARE ENGINEER

- Built the GCS Data Lake destination connector end-to-end (Apache Iceberg), spanning CDK infrastructure, implementation, testing, and documentation
- Resolved a critical orchestrator hang affecting all customers: multi-threaded debugging and fix across the replication pipeline
- Led multi-region dataplane expansion (Iowa/GCP), implementing Datadog monitors and Terraform infrastructure with spot instance support
- Implemented dynamic log-level control via feature flags and built replication logging to cloud storage, improving observability and incident response
- Enhanced Iceberg CDK infrastructure ensuring correctness and data integrity across multiple downstream connectors

FEB 2021 → SEP 2024

MOZART DATA / STAFF SOFTWARE ENGINEER

- Led and mentored a team of 3–4 engineers; defined project scope, timelines, and priorities aligned with business objectives
- Designed real-time and batch data pipelines for usage tracking and billing, ensuring data integrity at scale
- Owned security and compliance: pentest reviews, vulnerability remediation, SOC 2 audit readiness (Vanta)
- Implemented observability infrastructure (Datadog) for platform reliability and rapid incident response

- Built an automated billing system (Stripe/Retool), a GCP Marketplace integration, and a GitHub version control integration

JUL 2020
→ FEB 2021

AMINO / SENIOR SOFTWARE ENGINEER

- Built RESTful APIs (Django/DRF) for a healthcare transparency platform, ensuring secure data delivery in a regulated health-data environment

JUN 2018
→ MAY 2020
San Francisco, CA

CLOVER HEALTH / SOFTWARE ENGINEER III

- Built backend systems in a regulated healthcare insurance environment, partnering with compliance teams on data integrity and regulatory adherence
- Tech lead of the API discipline: set code standards and recruitment rubrics, and tackled tech debt across teams

AUG 2014
→ MAY 2018
San Francisco, CA

GUIDEBOOK INC. / SOFTWARE ENGINEER

- Led platform re-architecture ("Space" project); built metrics pipelines, APIs (Django/DRF), and async workflows (Redis, Celery)

NOV 2012
→ JUL 2014
San Francisco, CA

2600HZ / SOFTWARE ENGINEER

- Built provisioning systems, monitoring tools, and a data aggregation platform (Python/Django)

SKILLS

SETUP SHEET

LEADERSHIP	Team leadership and mentoring, roadmap planning and prioritization, hiring and onboarding, 1:1s and career development, engineering standards
PLATFORM	AWS, GCP, Terraform, Datadog, multi-region deployment, observability and incident response
DATA	Apache Iceberg, batch and real-time pipelines, Airbyte CDK, connectors
BACKEND	Python, Django, Django REST Framework, REST APIs, Redis, Celery
PRODUCT	Usage tracking and billing (Stripe, Retool), GCP Marketplace integration, GitHub integration
SECURITY	SOC 2 (Vanta), pentest remediation, regulated health data

EDUCATION

SUPINFO International University
Institute of Information Technology

M.Sc. Computer Science, minor in Management — OCT 2010 – APR 2012

B.Sc. Computer Science — NOV 2007 – OCT 2010

LANGUAGES

French — NATIVE

English — FULL PROFESSIONAL

INTERESTS

PADDOCK

- **Spec Miata racing**, SCCA member
- **Motorcycles**, BMW R 1250 GS
- **Virtual motorsports**, 24-hour endurance events