Francis Genet
Engineering Manager

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Technical Leadership | Platform Engineering | Distributed Systems | Compliance & Data Integrity

EXPERIENCES

Engineering Manager
Airbyte - Since November 2025

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

Staff Software Engineer
Airbyte - October 2024 to November 2025 - Full-time

- 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

Staff Software Engineer
Mozart Data - February 2021 to September 2024

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

Senior Software Engineer
Amino - July 2020 to February 2021 - Full-time

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

Software Engineer III
Clover Health - June 2018 to May 2020 - Full-time - San Francisco - United States - California

- 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 — setting code standards, recruitment rubrics, and tackling tech debt across teams

Software Engineer

Guidebook Inc. - August 2014 to May 2018 - Full-time - San Francisco - United States - California

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

Software Engineer

2600hz - November 2012 to July 2014 - Full-time - San Francisco - United States - California

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

EDUCATION

Institute of Information Technology
SUPINFO - INTERNATIONAL UNIVERSITY
October 2010 to April 2012

Master of Science (major computer science, minor management)

Institute of Information Technology
SUPINFO - INTERNATIONAL UNIVERSITY
November 2007 to October 2010

Bachelor of science (Computer science)

INTERESTS

Motorsports

- SCCA member - Spec Miatas
- Motorcycles - BMW 1250GS
- Virtual motorsports events (endurance - 24hrs)