

Victor Lassoult

Senior Software Developer · ex-NebulaSoft

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SKILLS

Core Stack (production)

TypeScript, Node.js, Go, PostgreSQL, AWS, Kubernetes, Docker, React, Kafka, Microservices

Also Production-Proven

GraphQL, Redis, Terraform, Elasticsearch, Python, JavaScript, SQL, Event-driven Architecture, CI/CD, TDD

LANGUAGES

English

Native

French

Intermediate

SUMMARY

Senior Software Developer with 10 years (2016–2026) of professional software engineering experience building and operating production systems. TypeScript, Node.js, and Go services in production; deep PostgreSQL expertise (row-level security, partitioning, query-plan tuning); Kubernetes and Docker in production; extensive React frontend development; microservices and event-driven architecture on Kafka; GraphQL and Redis in daily production use. Led cross-functional teams of 6–12 engineers shipping consumer products to millions of users.

EXPERIENCE

Senior Software Developer

Aug 2022 — Present

Halcyon Networks, Austin, TX

- Tech lead on the platform-infrastructure team (8 engineers); design, build and operate 40+ Go and TypeScript (Node.js) microservices running in production on Kubernetes (EKS) with Docker — drove the migration from monolithic Rails with zero measurable downtime.
- Operate PostgreSQL in production at depth for the multi-tenant platform: row-level security, table partitioning and query-plan tuning; p99 API latency cut from 1.4s to 320ms.
- Designed the event-driven backbone (Kafka + Debezium) powering near-real-time analytics for 80M events/day; cut warehouse staleness from 6h to <2min.
- Own AWS infrastructure (EKS, RDS, S3, IAM) as code via Terraform; GraphQL federation layer and Redis caching serve 4 product teams.
- Mentor for the 2024 and 2025 grad-engineering cohorts (12 engineers); hiring-loop captain — 60+ interviews, 9 hires, retention >90% at 18 months.

[Engineering blog](#)

Software Engineer, II–III

Mar 2019 — Jul 2022

Quillvane Labs, Seattle, WA

- Built and operated production core services for a B2B analytics SaaS, scaling ingestion from 800 to 11,000 events/sec on Node.js and Go workers.
- Designed the multi-tenant PostgreSQL data-isolation layer (row-level security, composite indexing, EXPLAIN-driven tuning); passed SOC 2 Type II audit on first attempt.
- Owned the production GraphQL gateway (Apollo Server) consumed by 30+ internal teams; cut p99 from 1.2s to 280ms with DataLoader + Redis cache.
- 3 years of hands-on React frontend development: shipped the real-time React + WebSockets dashboard rewrite used by 70% of paying customers; promoted SWE II → SWE III in 18 months for it.
- Onboarded 9 new hires; co-authored the internal “Backend Style Guide” still in use today.

Software Engineer

Sep 2016 — Feb 2019

Marlowe & Druid Software, Boston, MA

- Shipped 5 customer-facing features across a production Node.js/React e-commerce stack serving ~600K monthly users, writing React frontend code daily.
- Replaced legacy Jenkins with GitHub Actions + Terraform; production deploy time dropped from 38 to 7 minutes (Docker-based pipeline).
- Built the search re-ranking service (Python + Elasticsearch) that improved search conversion by 14%.
- Rotated on the 24/7 production on-call schedule; authored 11 post-mortems, repeat incidents down ~40% in two quarters.
- First engineering hire under the new CTO; helped grow the team from 6 to 22 engineers.

PROJECTS

OpenTrace — distributed tracing dashboard

May 2023 — Present

Go, ClickHouse, React, gRPC

Open-source observability tool used by 1,200+ teams. Query layer rewritten to push aggregations into ClickHouse — dashboard p95 dropped from 4.3s to 380ms on a 2B-span dataset.

[GitHub](#)

Under NDA

Sep 2022 — Mar 2023

Rust, Kafka, Redis Streams

Built for a payment-processor client. Sub-50ms decision latency on 12K TPS; cut false-positive rate from 4.1% to 0.6%.

EDUCATION

M.Eng., Computer Science, Distributed Systems

Sep 2012 — Jun 2016

INSA Lyon