

Victor Lassoult

Senior Software Developer · ex-NebulaSoft

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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

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)