

VICTOR LASSOULT

Senior Software Developer · ex-NebulaSoft

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🔗 GitHub 🌐 Portfolio

SUMMARY

Senior Software Developer with 9+ years of experience building scalable web platforms and distributed backend systems. Expert in TypeScript, Node.js, Go, and cloud-native architectures on AWS and GCP. Led cross-functional teams of 6-12 engineers shipping consumer products to millions of users. Passionate about clean architecture, mentoring junior developers, and shipping pragmatic solutions that move business metrics. Also goes deep on developer experience, CI/CD, and observability.

EXPERIENCE

Aug 2022 — Present
Austin, TX

Senior Software Developer Halcyon Networks

- Tech lead on the platform-infrastructure team (8 engineers); drove the migration from monolithic Rails to a polyrepo of Go + TypeScript services without measurable downtime.
- Owned end-to-end SLO program — p99 API latency from 1.4s to 320ms, error budget burn-down dashboards adopted across 4 product teams.
- Designed the event-streaming backbone (Kafka + Debezium) that powers near-real-time analytics for 80M events/day; cut warehouse staleness from 6h to <2min.
- Mentor for the 2024 and 2025 grad-engineering cohorts (12 engineers total); 3 promoted to L4 within their first year.
- Hiring-loop captain for backend roles — interviewed 60+ candidates, 9 hires, retention >90% at 18 months.

[Engineering blog](#)

Mar 2019 — Jul 2022
Seattle, WA

Software Engineer, II–III Quillvane Labs

- Built and maintained core services for a B2B analytics SaaS product, scaling ingestion from 800 to 11,000 events/sec.
- Designed multi-tenant data isolation layer in PostgreSQL with row-level security; passed SOC 2 Type II audit on first attempt.
- Owned the GraphQL gateway (Apollo Server) consumed by 30+ internal teams; cut p99 response time from 1.2s to 280ms with DataLoader + Redis cache layer.
- Promoted from SWE II to SWE III in 18 months for shipping the real-time dashboard rewrite (React + WebSockets) used by 70% of paying customers.
- Onboarded 9 new hires; co-authored the internal “Backend Style Guide” still in use today.

Sep 2016 — Feb 2019
Boston, MA

Software Engineer Marlowe & Druid Software

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

PROJECTS

May 2023 —
Present

OpenTrace — distributed tracing dashboard

[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](#)

Sep 2022 — Mar
2023

Under NDA

[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

Sep 2012 — Jun
2016

M.Eng., Computer Science, Distributed Systems

[INSA Lyon](#)

SKILLS

Programming Languages

[TypeScript](#) [JavaScript](#) [Go](#) [Python](#) [Rust](#) [SQL](#) [Bash](#)

Frameworks & Libraries

[Node.js](#) [React](#) [Next.js](#) [Express](#) [NestJS](#) [GraphQL](#) [gRPC](#) [tRPC](#)

Cloud & DevOps

[AWS](#) [GCP](#) [Docker](#) [Kubernetes](#) [Terraform](#) [GitHub Actions](#) [CircleCI](#) [Datadog](#) [Grafana](#)

Databases & Storage

[PostgreSQL](#) [MySQL](#) [Redis](#) [MongoDB](#) [DynamoDB](#) [Elasticsearch](#) [Kafka](#) [S3](#)

Practices & Tools

[System Design](#) [Microservices](#) [Event-driven Architecture](#) [TDD](#) [Code Review](#) [Mentoring](#)

LANGUAGES

English

Native

French

Intermediate