

# VICTOR LASSOULT

SENIOR SOFTWARE DEVELOPER · EX-NEBULASOFT

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## PROFESSIONAL OVERVIEW

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.

## WORK EXPERIENCE

### Halcyon Networks | Austin, TX, Senior Software Developer

Aug 2022 — Present

- 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](#)

### Quillvane Labs | Seattle, WA, Software Engineer, II–III

Mar 2019 — Jul 2022

- 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.

### Marlowe & Druid Software | Boston, MA, Software Engineer

Sep 2016 — Feb 2019

- 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

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### OpenTrace — distributed tracing dashboard | Go, ClickHouse, React, gRPC

May 2023 — Present

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 | Rust, Kafka, Redis Streams

Sep 2022 — Mar 2023

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

## EDUCATION

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### INSA Lyon | M.Eng., Computer Science, Distributed Systems

Sep 2012 — Jun 2016

## SKILLS

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|                |               |                           |           |
|----------------|---------------|---------------------------|-----------|
| TypeScript     | JavaScript    | Go                        | Python    |
| Rust           | SQL           | Bash                      | Node.js   |
| React          | Next.js       | Express                   | NestJS    |
| GraphQL        | gRPC          | trPC                      | AWS       |
| GCP            | Docker        | Kubernetes                | Terraform |
| GitHub Actions | CircleCI      | Datadog                   | Grafana   |
| PostgreSQL     | MySQL         | Redis                     | MongoDB   |
| DynamoDB       | Elasticsearch | Kafka                     | S3        |
| System Design  | Microservices | Event-driven Architecture | TDD       |
| Code Review    | Mentoring     | Agile/Scrum               | Git       |

## LANGUAGES

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English (Native) · French (Intermediate)