

# HENRIQUE VICENTE DE OLIVEIRA PINTO

<https://henvic.dev>  
<https://github.com/henvic>

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## EXPERIENCE

### Senior Software Engineer

November 2023 – April 2024

*FerretDB, Inc.*

*Remote*

- Worked as a contractor for a truly open-source MongoDB alternative, built on PostgreSQL and Go.

### Senior Software Engineer

August 2022 – April 2023

*Form3*

*Remote*

- Worked in the Core Data team of the London-based Cloud-native Payment Processing Platform Form3 on internal services that handle payment and payment returns.
- Experience with Go, gRPC, NATS, PostgreSQL, Kubernetes, Terraform, and multi-cloud environments.

### Senior Software Engineer

February 2021 – July 2022

*Stitch, PVH Corp.*

*The Netherlands*

- Led a comprehensive project to enhance developer experience, ensure reliability, improve efficiency, and reduce operational costs by planning and implementing a robust automated testing infrastructure with fast integration tests (2s on average for the entire test suite) and replacing a non-relational database with PostgreSQL and Elasticsearch/OpenSearch, yielding a remarkable impact: a lasting expense reduction of over 90% of our recurring database cloud computing and licensing expenses and enhanced software development efficiency throughout multiple teams.
- Worked on data migration of media assets from renowned fashion brands, including internal clients such as Tommy Hilfiger and Calvin Klein and external ones such as Havaianas and Scotch & Soda.
- Experience with Go, gRPC, GraphQL, Kubernetes, Terraform, and Amazon Web Services.

### Senior Software Engineer

June 2019 – January 2021

*HousingAnywhere*

*The Netherlands*

- Worked on diverse areas, including public-facing APIs, internal services, integration with affiliate partners, and payments and payouts infrastructure.
- Experience with Go, gRPC, Google Cloud Platform, Kubernetes, and microservices.

### Senior Software Engineer Software Engineer

January 2018 – May 2019

March 2014 – December 2017

*Liferay, Inc.*

*Brazil*

- As a key member of WeDeploy / Liferay DXP in its early days, led the development of its CLI tool, which was the primary client developers utilized to access and use the platform.
- Developed sophisticated solutions using Go and JavaScript for front and backend libraries and applications, such as reverse-engineering the socket.io protocol to use it for emulating an SSH connection.

## HIGHLIGHTS

**Portfolio:** Vehikel, DXP Cloud CLI, httpretty, and others on <https://henvic.dev/portfolio/>

**Open source libraries and contributions:** Go's signal.NotifyContext, <https://henvic.dev/opensource/>

**Talks:** <https://henvic.dev/talks/>

**Articles:** <https://henvic.dev/posts/>

**Interests:** Open-source software, Photography, Nature, Travel, Drones, Industrial design, Homelab, Airplanes.

**Keywords:** Linux, macOS, FreeBSD, VMware ESXi, Go, JavaScript, Java, Unix scripting, cloud computing, Kubernetes, CI, SQL, PostgreSQL, OpenSearch, Elasticsearch, Terraform, Grafana, Security, dev tools.

## EDUCATION

### Universidade Federal de Pernambuco

October 2013 – December 2017

*Bachelor of Science in Computer Science*