# Henrique Vicente de Oliveira Pinto

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https://github.com/henvic

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## Experience

**Senior Software Engineer**                                     September 2023 – Present
*ZenRows*                                                                           *Remote*
- Work on anti-bot bypass and web scraping technology.

**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**                                     January 2018 – May 2019
**Software Engineer**                                            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.

**Software Engineer**                                            October 2012 – July 2013
*MGR Tecnologia*                                                                    *Brazil*

**Software Engineer**                                            March 2011 – December 2011
*Ogilvy & Mather*                                                                   *Brazil*

## Hightlights

**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*