Henrique Vicente de Oliveira Pinto

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https://github.com/henvic

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Experience

Senior Software Engineer   November 2023 – Present
Self-employed contractor   *Remote*
- Working as a contractor for hire on projects using technologies such as Go, PostgreSQL, Elasticsearch/OpenSearch, Kubernetes, OAuth, and OpenTelemetry.

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.

Education

Bachelor of Science in Computer Science   October 2013 – December 2017
Universidade Federal de Pernambuco

Highlights

Open source libraries and contributions: Go's stdlib: signal.NotifyContext, https://henvic.dev/opensource/
Portfolio: Vehikel, DXP Cloud CLI, httpretty, and others on https://henvic.dev/portfolio/
Talks: On multiple software development topics; in Brazil, the United States, and Europe. https://henvic.dev/talks/
Interests: Open-source software, Photography, Nature, Skiing, Drones, Homelab, Airplanes, Industrial design, EVs.
Keywords: gRPC, Protobuf, HTTP(S) REST API, Go, JavaScript, Java, Unix scripting, cloud computing, Kubernetes, CI, CD, SQL, PostgreSQL, OpenSearch, Elasticsearch, Terraform, Grafana, Security, dev tools, DNS, networking, Linux, macOS, FreeBSD, VMware ESXi.