

# HENRIQUE VICENTE DE OLIVEIRA PINTO

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## EXPERIENCE

### Senior Software Engineer

Form3

August 2022 – Present

Remote

- Working in the Core Data team of the London-based Cloud-native Payment Processing Platform Form3.

### Senior Software Engineer

HATCH, PVH Corp.

February 2021 – July 2022

Remote & Amsterdam, Netherlands

- Lead a major platform project of migrating all internal services to the PostgreSQL database and OpenSearch (Elasticsearch fork) search engine with automated testing infrastructure and a focus on scalability, developer experience, and reducing costs.
- Experience with Go, Kubernetes, Terraform, and Amazon Web Services.

### Senior Software Engineer

HousingAnywhere

June 2019 – January 2021

Rotterdam, Netherlands

- Worked on the Platform team on internal and public-facing APIs, services, and integration with affiliate partners.
- Worked on the Payments team on the backend of the payments and payouts infrastructure.
- Experience with Go, Google Cloud Platform, Kubernetes, and microservices.

### Senior Software Engineer

Liferay Cloud

January 2018 – May 2019

Remote

### Software Engineer

Liferay, Inc.

March 2014 – December 2017

Recife, Brazil & Remote

- Designed, implemented, and maintained projects such as the CLI tool of WeDeploy and Liferay Cloud DXP.
- Experience developing projects with Go and JavaScript (frontend and backend).
- Reverse engineered the socket.io protocol to create a remote access protocol emulating SSH.

### Co-Founder, Software Engineer

Vehikel

c. 2013 – 2015

- Created this online marketplace for vehicles, inspired by Craigslist and eBay using PHP, Elasticsearch, MySQL, etc.
- Implemented a real-time search engine with faceted filters, and pages with maps, edit-in-place, and photo carousel.
- Implemented a web crawler for extracting data from industry sources on the web using CasperJS and PhantomJS.

### Software Engineer

MGR Tecnologia – Cahier corporate social network

October 2012 – July 2013

Recife, Brazil

- Introduced static analysis tools to improve code quality for the PHP backend.
- Fixed slow pages loading time by profiling bottlenecks, and refactoring PHP code and MySQL/PostgreSQL queries.
- Lead the implementation of a chat system with Node.js.

### Software Engineer

Ogilvy & Mather

March 2011 – December 2011

Recife, Brazil

- Contract work for several Fortune 500 clients projects using a PHP and MySQL stack.

### Founder, Software Engineer

Plifk

c. 2009 – 2011

- File-sharing web service. UX with a progressive enhancement mindset. API with OAuth support.
- Experience with cloud computing (AWS), Linux, PHP, JavaScript, Memcached, and MySQL.

## EDUCATION

### Universidade Federal de Pernambuco

Bachelor of Science in Computer Science

October 2013 – December 2017

Recife, Brazil

## TECHNICAL SKILLS, LANGUAGE SKILLS, AND INTERESTS

**Operating Systems:** Linux, macOS, VMware ESXi (beginner).

**Programming Languages:** Go (proficient), JavaScript, PHP, Unix scripting, Java, TCL.

**Software development:** Cloud computing, Security, CLI tools, developer tooling, Kubernetes, CI, SQL, PostgreSQL, OpenSearch, Terraform.

**Languages:** Portuguese (native), English (fluent), Dutch (beginner).

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

## CERTIFICATIONS & AWARDS

**Dell EMC Academic Associate:** Cloud Infrastructure and Services. Certificate issued on June 12, 2017

**Zend Certified Engineer:** PHP 5. Certificate issued on May 13, 2010

**New York Film Academy:** 4-week filmmaking workshop during January, 2009

**Brazilian Physics Olympiad:** Honors, 2004