


# Mattia Peiretti

mattiapeiretti.com | mattia.peiretti@gmail.com | [Lees in het Nederlands](#)  | [LinkedIn](#) | [GitHub](#)

An outcome oriented engineer with a passion for entrepreneurial thinking and solving real-world problems, with expertise in web development, automation, data-heavy applications, web-design, data pipelines, web scraping and more. Loves to take initiative, think about ideas on how to improve processes, lead, and interact with people. Loves to collaborate with other team members and to encourage team growth. And to work at the office.

**Languages:** English (bilingual proficiency), Dutch (Work Proficiency), Italian (Native), Spanish (Elementary)

## Skills and Technological Experience

**Programming Languages:** PHP, Python, JavaScript, TypeScript, Bash Scripting, C++, Prompt Engineering

**Frameworks:** Symfony, Fast API, Flask, Next.js, Nuxt.js, React, Vue, Tailwind, Tkinter, OpenCV, WordPress, Express.js

**Testing:** PHPUnit, Codeception, Prophecy, Python Testing

**Database:** Elasticsearch V8+V6, PostgreSQL, MongoDB

**Infrastructure:** Docker, Terraform, PubSub Queues, Kubernetes, GCP, Alerting, CI/CD pipelines on GitHub, Digital Ocean

**Principles:** Test-Driven Development, Domain-Driven Development, Onion/Hexagonal Architecture, SOLID, CQRS

**Tools:** Git, GitHub, GitLab, Xdebug, Pydebug, Figma, Premiere Pro, AE LightRoom, Linux, SendGrid, Auth0, Redash, Metabase, OpenAI

**Project Management:** Agile, Scrum, DORA Metrics, Jira Software

## Career Summary

### [2022 - Now] **TreeHouse BV / Pararius BV – Rotterdam, The Netherlands**

Treehouse is the company behind market leading Real Estate marketplaces in The Netherlands and internationally. Such as Huurwoningen.nl, Pararius.nl, zah.nl, Rentarooof.co.uk, Pararius Office, Realstats and Leadflow. 5 million + website visits per month.

#### Deputy Team Lead

Fills in during a several month long transition from the old team lead to a new candidate. Focuses on reducing technical debt and optimising architecture to achieve higher stability, and shifting the team's mentality from tech oriented to business oriented.

- Optimised SCRUM process by introducing Huddling, Hackathons (Discovery) and Sprint Goals
- Measured DORA metrics, to spot bottlenecks in Team's performance
- Facilitated moving product to monorepo, resulting in a 30% increase in deployment velocity
- Introduced Domain-Driven Design and Onion architecture and supported team members in the transition
- Helped conduct due diligence with product codebase of a business acquisition
- Implemented Integration Tests for the backend part of the product
- Facilitated and led interviews to hire two new team members and one intern
- Led refactoring sessions, and implemented tech-debt meetings
- Created internal tool to keep track of time spent, to generate an audit for WBSO subsidy, together with CTO.

#### Full-Stack Software Engineer

Worked to remove the BETA label from MVP product and launch to broad market. Worked with PHP, Python, and React.

- Made email data extraction service 300x faster
- Implemented AI in the product, for data scraping
- Re-engineered legacy python service to follow professional standards. Implemented DI container and Integration Testing framework
- Created service for email marketing campaign
- Created emailing A/B testing system to investigate business model opportunities
- Implemented Quality Assurance in CI pipelines for 3 projects
- Implemented Alerting and Monitoring for 5 services
- Re-designed database of vital service that handles millions of user contact requests

### [2021 - Now] **Founder and CTO of PhobosMedia – The Randstad, The Netherlands**

Founded PhobosMedia, an outcome driven digital agency, out of love for tech and dream of making a difference.

Signed clients for web-design, automation, web-scraping and more, mostly in the ecommerce business. Tech Stack: WordPress, Next.js, Python, PHP. *Clients:* schoonmaakleverancier.nl; demoistemuren.nl; moviejackson.com; telefoonheld.nl, and more

- Scraped over 100k companies in the Netherlands
- Migrated a webshop with over a 1000+ products to WooCommerce
- Designed automation pipelines for webshop with more than 22k products
- Converted over 500 Facebook posts to Multilanguage WordPress blog posts
- Gathered over 250k data points, with an automation pipeline, to facilitate researchers with research papers

### [2019 - 2022] **Co-Founder & Lead Developer at RHM – Amsterdam, The Netherlands**

Robin Hood Marketing has a chief mission to provide an array of fair services in the online marketing & digital presence fields.

Simple, with no catches. Mattia Co-Founded RHM together with another partner acting as CEO. Being mostly busy with tech and strategy, managed small teams of engineers as well as worked on small projects alone. Created several websites for clients, as well as launched company held platforms like the chemistry related website: watisstikstof.nl, which was later acquired.

## [2019 - 2020] **Freelance Full-stack Developer at PLYGRND.city** – Amsterdam, The Netherlands

After working on making the online presence of the company stronger. Focused on building and forging the online identity of the most performing sub-product of the company. The Hoodlab. Worked on connecting the end user with the website of the product, as well as making it easier for new potential customers to get to know the product in the first place.

## [November 2019] **Short Internship at Q42** - Amsterdam - The Hague, The Netherlands

Q42 is a leading digital agency in The Netherlands. They are responsible for the famous travel planner app 9292 for instance. Worked on W00tHappened, as 3D game based on 360 deg images.

## [2018 - 2021] **Full-Stack Web Developer / Web Designer** – Amsterdam, The Netherlands

Worked as a part-time freelancer during education for numerous clients in the Web Development field, as well as Logo/UI design and software engineering. Clients: nativeoost.nl, design for GrensVerleggers, design for MSA Filmacademie 3, ilpianetamarte.tk.

## Certifications

---

### [2023] **Development using the Symfony PHP Framework**

*Rotterdam, South Holland, Netherlands*

Official Symfony Certificate from symfonycasts on how to develop full-stack applications with the symfony framework

### [2022] **Entrepreneurship training for start-ups - Erasmus University & Università Bocconi**

*Rotterdam School of Management, Erasmus University*

*Rotterdam, South Holland, Netherlands*

Course on how to launch a business idea into a Startup. Learned how to go from prototype, to MVP, to PMF. How to conduct interviews with early adopters, as well as prepare surveys and validate business ideas.

### [2021-2022] **C++ Vrije Universiteit**

*Amsterdam, North Holland, Netherlands*

Entry C++ course at the Vrije Universiteit, given by Dr. Thilo Kielmann. The course passed with flying colours.

### [2020] **Class Mathematics: Basics of Quantum Computing, University of Amsterdam**

*Amsterdam, North Holland, Netherlands*

Passed as one of the best students. I have received this certificate from Dr Maris Ozols.

## Some Open-Source Projects

---

**Host Your Lighthouse Report API:** <https://github.com/MattiaPeiretti/lighthouse-report-api>

Host your own containerised lighthouse API in a docker container.

**Generate Dark Frames for astronomical use:** <https://github.com/MattiaPeiretti/XdarkFramer>

Generate dark frames of your webcam, for Astronomical Use.

**Frontend For the Poke API to find your Favourite Pokémon:** <https://github.com/MattiaPeiretti/Pokemon>

A nice, retro user interface in front of the Poke API, to bring back that nostalgia.

**Python Cronjob-compatible App to keep your sitemap updated:** <https://github.com/MattiaPeiretti/SitemapUpdater>

Automated script that pulls sitemaps from a URL and writes it to the server's public directory.

**Generate Graph of Symfony Dependencies:** <https://github.com/MattiaPeiretti/symfony-tchs-mapper>

Generate dependency graphs of which command is injected into which command handler.

## Other

---

**Interests:** Entrepreneurship, leadership, marketing, communication, high-efficiency computing, scientific computing, game engine development, astronomy, music.

**Publications:** **Role and Impact of Emerging Quantum Technologies in our Current and Future Society** interview with Dr. Speelman, QuSoft, CWI, and University of Amsterdam. Available at request.