

Pol Dellaiera

Research, analysis, development

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ABOUT

Since beginning my web development journey in 2010, I have acquired a wealth of experience across diverse environments, including innovative start-ups and established consultancies. A highly motivated professional, I am passionate about solving intricate problems by implementing elegant, streamlined and long-term reliable solutions. I often take inspiration from cutting-edge software engineering research, continually seeking ways to adapt these insights to real-world applications.

My insatiable curiosity and meticulous nature have made me a perpetual learner, constantly striving to expand my skillset where innovation is key in this ever-evolving field.

Above all, I derive great satisfaction in creating simple, natural, and efficient solutions that harmoniously balance aesthetics and functionality.

EXPERIENCE

08/2025 – present	Senior Application Architect European Commission / DG EAC R.4. (IT Projects and Support)
Full time	Hired on behalf of a consultancy company, contributing to the modernisation of digital platforms supporting European programmes such as Erasmus+ and the European Solidarity Corps. Focus areas include software architecture, backend development, reusable platform components, DevSecOps, CI/CD, automation, and reproducible delivery practices.
Bruxelles	Python / Go / Typescript / Nix / IAC / Gitlab
06/2024 – 07/2025	Senior Application Architect European Commission / Digit B.4 (Software Engineering Capabilities)
Full time	Hired on behalf of a consultancy company. In this role, I am part of a team of developers, responsible for developing <i>GPT@EC</i> , an internal AI chatbot application based on GPT technology, using open-source software. My primary focus is on designing and building a scalable, robust solution, ensuring optimal performance, security, and integration within the European Commission's ecosystem.
Bruxelles	Python / MongoDB / OpenAI API / LLM / Nix / Git / Jujutsu / IAC
07/2019 – 06/2024	Application Architect European Commission / Digit B.4 (Software Engineering Capabilities)
Full time	Hired on behalf of a consultancy company, where I work in the Developer's Journey team. In this role, I guide teams and clients through the migration process from ColdFusion to PHP. Additionally, I design and implement open-source authentication libraries solutions and the necessary development infrastructure for multiple teams, with a focus on creating reproducible and ephemeral development environments based on Nix.
Bruxelles	Symfony / Doctrine / API Platform / Oracle / Nix / Docker / IAC
06/2015 – 06/2019	Software Engineer European Commission / Digit B.1
Full time	Hired on the behalf of a consultancy company, working on the Next Europa and OpenEuropa platforms, the open-source web publishing platforms running respectively Drupal 7 and Drupal 8. My role was to design and implement features, ensuring the best practices in terms of security, performance, and scalability.
Bruxelles	PHP / Drupal / Git / Docker

EDUCATION

2021 – 2024	MSc Computer Science University of Mons
Cum Laude	Thesis: "Reproducibility in Software Engineering"
2001 – 2005	BSc Computer Science Haute École en Hainaut
Cum Laude	IT and systems, specialisation in network and telecommunications
2018 – 2021	Music theory / Piano Académie de Nivelles

CERTIFICATES

02/2026	Learn to Code with Rust Udemy
09/2024	Intelligence Artificielle (Hands on AI) University of Mons
01/2020	Blockchain: Understanding Its Uses and Implications The Linux Foundation
09/2015	Acquia Certified Developer and Back-end Specialist Acquia

LANGUAGES

• French	native
• English	B2
• Italian	A2
• Dutch	A2

HOBBIES

I am fulfilling a childhood dream, I study music and teach myself piano. I love photography and I learned by myself most of the secrets of a reflex camera, just for fun. I also enjoy experimenting with off-grid networks using LoRa devices. I swim a lot and I also really like riding my mountain bike. Another hobby of mine is refurbishing old computers, giving them a second life and use them for making experiments in my basement.

NON PROFIT

Contributor in many open-source projects. Official maintainer of the NixOS Linux distribution.
I am also an OpenStreetMap user and contributor.

FAVORITE QUOTES

- Ex falso quodlibet. - Wikipedia
- Simplicity is the ultimate sophistication. - Leonardo da Vinci
- Only when the last tree has died and the last river been poisoned and the last fish been caught will we realize we cannot eat money. - Indian author