# Matteo Pellegrino

I am a product-oriented Web Software Engineer specialized in full-stack development for scale-ups. I profoundly care about business impact as well as UX & UI while keenly nerding on the software architecture and technical details. I thoroughly enjoy bootstrapping and scaling up digital products.

✉ matteo.pelle.pellegrino@gmail.com
📞 +39 349 213 5002
📍 Milan, Italy

🔗 matteopellegrino.dev
🐱 github.com/arabello
🌐 linkedin.com/in/mttpll/

## **Exp**erience

| | |
|---|---|
| **Software Engineer**<br>Mar 2021 - present<br>buildo srl, Milan, Italy | <u>Full Stack</u>: Typescript, React, Go, Node, Scala, functional programming.<br><u>DevOps</u>: Kubernetes, Docker, Terraform, AWS.<br>Requirements Gathering and Discovery. |
| May 2023 - Present | AI assisted tools ownership: I am responsible to facilitate the company internal usage and improvement of AI-enabled tools. |
| May 2023 - Present | Full-stack development of a platform to interface with and manage Excel models.<br><br>`Scala` `Typescript` `React` `Design System` |
| Feb 2023 - May 2023 | End-to-end development of AI-based Conversational Intelligence product features for online meetings video recording, including requirements gathering, design, and full-stack implementation.<br><br>`Go` `HTMX` `AWS` `Terraform` `AI` `Prompt Engineering` |
| Sep 2022 - Feb 2023 | "Know Your Customer" backend service and client Typescript SDK (Vanilla + React) federating multiple Identity Providers<br><br>`Go` `OpenAPI` `Docker` `Typescript` `React` |
| Apr 2022 - Sep 2022 | International-team design and implementation of a multi-region and multi-tenant PaaS solution for developing and deploying cloud-native applications.<br><br>• Inner and Outer loop platform services developing<br>• IAM Service integration federating external Identity Providers<br><br>`Kubernetes` `OIDC` `OAuth2` `DevSecOps tools` `Docker` |
| Jan - Mar 2022 | Discovery and design analysis of an R&D medical standalone software<br><br>`Electron` `Requirements Gathering` `Discovery Analysis` |
| Nov 2021 - Jan 2022 | Open ID Connect-based authentication system design and PoC implementation to federate external Identity Providers for a multi-tenant cloud app.<br><br>`Node` `OIDC` `OAuth2` `Kubernetes` `React` |
| Oct 2021 - Mar 2022 | Internal open-source project maintenance: <u>formo</u>, a type-safe React form state management library.<br><br>`Typescript` `React` |
| Mar - Nov 2021 | International-team development of a large bank frontend application involving complex user flows and a custom Design System.<br><br>`Typescript` `React` |
| **Machine Learning &<br>Computer Vision Intern** | Synthetic image generation/augmentation API development. Design and implementation of an SDK to generate and manage artificial datasets with containerized deployment |

| | |
|---|---|
| Jan 2020 - Jul 2020<br>Datalogic USA<br>Pasadena, California | `Python` `OpenCV` `Docker` |
| **Full-stack Developer Intern**<br>Jul 2014 - Sep 2014<br>Multitraccia SC<br>Reggio Emilia, Italy | Development of an appointment scheduling application as a summer internship.<br>`PHP` |

## Education

| Master of Computer Engineering | Bachelor of Computer Engineering | IT Upper-secondary Diploma |
|---|---|---|
| University of Bologna | University of Bologna | I.I.S. Blaise Pascal |
| 2018-2021 | 2015-2018 | 2010-2015 |
| 110/110 cum laude | 104/110 | 100/100 cum laude |

## Languages

| | | |
|---|---|---|
| **Italian** | Native Speaker | |
| **English** | Professional working proficiency | IELTS Academic 7.0 (CEFR C1) |

## Miscellaneous

| | |
|---|---|
| **Espanso Hub**<br>Nov 2021 - present | Espanso is a privacy-first cross-platform text expander. I'm the creator and maintainer of Espanso Hub the official web application, built using `Nextjs SSG` technology, to search and explore Espanso packages.<br>`https://hub.espanso.org/` |
| **Dokey**<br>Nov 2017 - Feb 2019 | Dokey is a productivity app for professionals. The project was involved in the startup program of AlmaCube incubator in Bologna. During this experience I learned about the startup environment and lean approach, enforced my Android/Kotlin skills and took care of the platform and brand UI/UX design.<br>`https://www.matteopellegrino.me/dokey-web` |
| **HN Read Time**<br>Nov 2019 | Chrome extension showing read time preview of Hacker News articles. Being a constant HN reader, I built this tool to immediately know how much time an article will take to be read. I also got the opportunity to learn more about web scraping. |
| **SAM**<br>Feb 2019 | Scala source code scraper aimed to retrieve module-level metrics based on the Clean Architecture concepts from the homonymous book by Robert Martin.<br>`https://github.com/arabello/sam` |
| **KSLL**<br>Apr 2018 - Jul 2018 | Bachelor's degree thesis: design and development of an Android module to dynamically download and run Android/Kotlin code with digital signature checking at runtime. |
| 2018- 2019 | I took part upon selection to the University of Bologna Startup Incubator. |
| 2019 | I took part upon selection to the event "F-Factor: The Ferrari Case Study". |
| 2016 | Lectures of an Android programming course at my upper-secondary school. |
| 2016 - 2017 | Organizer at the Reggio Emilia Google Developers Group community. |