Matteo Pellegrino

Software Engineer

🖥 matteopellegrino.dev   in mttpll   ⌂ arabello   ✉ matteo.pelle.pellegrino@gmail.com   📞 +393492135002

WORK EXPERIENCE

Software Engineer   **buildo** ↗ , Milan

`Typescript` `React` `Scala` `Go` `Node` `Kubernetes` `Docker`   Mar 2021 - Present

- Developed an AI-based Conversational Intelligence feature for an online sales platform startup in Go/htmx. Enabled the initial end-users to access intelligent insights for their sales calls.
- Facilitated the internal adoption of AI-related tooling among peers. Improved the development workflow of 2 teams through the execution of improvement projects.
- Contributed to the creation of a cloud development platform based on K8s. Enable developers of 4 teams to run their application outer loop with IAM federation.
- Built a KYC service in Go federating multiple Identity Providers. Empowered developers to create KYC flows through a dedicated Typescript SDK.
- Designed and built a data-entry intensive platform for programmatically managing and executing Excel files.
- Developed a bank front-office React app in an international team of 20-25 members with a focus on Design System and multi-devices flows.
- Created a PoC based on Open ID Connect authentication system to federate Identity Providers for a multi-tenant cloud app.
- Maintained an open-source React type-safe form management library.

Machine Learning & Computer Vision Research Intern   **Datalogic** ↗ , California USA

`Python` `Docker` `MongoDB` `OpenCV`   Jan 2020 - Jul 2020

Empowered the research group to create image-based artificial datasets for conducting ML experiments.

- API development for synthetic image generation and augmentation.
- SDK development for the creation and management of artificial datasets.
- Containerized deployment.

EDUCATION

Master of Computer Engineering   **University of Bologna**

📋 110/110 cum laude   📅 2018 - 2021

Specialization in Artificial Intelligence and Cloud Infrastructures

Bachelor of Computer Engineering   **University of Bologna**

📋 104/110   📅 2015-2018

Specialization in Web Technologies

SIDE PROJECTS

Espanso Hub ↗   ⌂ **espanso/hub-frontend**

`Next.js` `Typescript` `React`   Nov 2021 - Present

- Developed the official Espanso Hub web application to search and explore Espanso packages, expanding accessibility to users (hundreds of weekly visits).
- Contributed to a community of hundreds of members and thousands of users.

Night Focus ↗   ⌂ **arabello/night-focus**

`Next.js` `Typescript` `React`   Feb 2023 - Present

- Built a SSG web application for customizable auditory experiences of ambient sounds to enhance work focus.
- Recorded and post-processed ambient sounds for integration into the application.
- Designed an opinionable UX with interactive keyboard shortcuts

Dokey ↗   ⌂ **arabello/dokey-android**

`Android` `Kotlin`   Nov 2017 - Feb 2019

- Coded an Android mobile application with a focus on performant and reactive layout
- Designed UX/UI for desktop and mobile applications, brand, and website
- Participated in the AlmaCube program, the incubator of the University of Bologna, to learn about the startup landscape and business development.