Matteo Pellegrino

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Experience

Software Engineer Mar 2021 - present buildo srl, Milan, Italy	<u>Full Stack</u>: Typescript, React, Go, Node, Scala, functional programming. <u>DevOps</u>: Kubernetes, Docker, Terraform, AWS. Requirements Gathering and Discovery.
Feb 2023 - Present	End-to-end development of AI-based Conversational Intelligence product features for online meetings video recording, including requirements gathering, design, and full-stack implementation. `Go` `HTMX` `AWS` `Terraform` `AI`
Sep 2022 - Feb 2023	"Know Your Customer" service Backend and client JS SDK (Vanilla + React) federating multiple Identity Providers `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. • Inner and Outer loop platform services developing • IAM Service integration federating external Identity Providers `Kubernetes` `OIDC` `OAuth2` `DevSecOps tools` `Docker`
Jan - Mar 2022	Discovery and design analysis of an R&D medical standalone software `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. `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. `Typescript` `React`
Mar - Nov 2021	International-team development of a large bank frontend application involving complex user flows and a custom Design System. `Typescript` `React`
Machine Learning & **Computer Vision Intern** Jan 2020 - Jul 2020 Datalogic USA Pasadena, California	Synthetic image generation/augmentation API development. Design and implementation of an SDK to generate and manage artificial datasets with containerized deployment `Python` `OpenCV` `Docker`

Full-stack Developer Intern
Jul 2014 - Sep 2014
Multitraccia SC
Reggio Emilia, Italy

Development of an appointment scheduling application as a summer internship.

`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
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.

`https://hub.espanso.org/`

Dokey
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.

`https://www.matteopellegrino.me/dokey-web`

HN Read Time
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.

`https://www.matteopellegrino.me/dokey-web`

SAM
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.

`https://github.com/arabello/sam`

KSLL
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.