

Pietro Putelli

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Summary

I'm Pietro Putelli, a 22-year-old enthusiast of both Design and Psychology. From a young age, I've been an independent thinker, drawn to diverse subjects and always seeking stimulating conversations to spark new ideas.

However, I don't just enjoy engaging in idle discussions—I strive to turn these ideas into reality. Driven by ambitious goals, I began self-studying programming languages and various technologies at the age of 16. This self-initiative has equipped me with the tools necessary to transform my ideas into tangible projects.

Despite being close to completing my university studies, I chose to leave academia to pursue a path more aligned with my creative and intellectual passions. I'm now focusing on activities that challenge me to think critically about contemporary. In my free time, I immerse myself in creative endeavours such as cooking, crafting cocktails, and diving into new books.

Skills

- NodeJS, React Native and React (with typescript)
- Python (Django framework and its libraries)
- Langchain using Python
- Docker
- Medium Swift, Xcode and iOS app development
- iOS and Android deployment on Apple Store and Play Store
- Fastlane
- Basics of database and software architecture
- Basics of designing UI and UX with Figma
- Basics of Golang
- Basics of AWS (Lambdas, ApiGateway, CloudFront and SAM)
- Jira and Tasks manger

Experiences

MC3 Informatica — Associate Mobile Developer

Brescia — June 2019 - November 2020

I worked with a team of developers using PHP for the APIs and I developed an app, named “AltriScatti” using Swift that allows users to share photos and participate in contests organised by ONGs.

Busnet — Associate Mobile Developer

Padua — February 2022 - June 2022

Labkey is a service that allows customers to use keypads or QR code readers to handle the building's accesses for company employees and can be managed using the web platform. Working with a team of three, we developed the specific PHP APIs for the app and I built the cross-platform application for mobile devices using React Native, allowing users to unlock doors without using the hardware.

Caffeina — Junior Software Developer

Parma — September 2023 - Present

I'm working primarily on frontend, developing using React, React Native and HTML, CSS.

I worked on Dr. Feel app, built in React Native and available on the App Store. The app offers subscription-based access to direct physician contact, video consultations, care team chats, and a virtual coach in partnership with Techno-Gym. Users receive personalised health and wellness plans, medical consultations, mental wellness support, fitness plans, nutritional advice, and comprehensive health monitoring.

I subsequently worked on a research and development project named Delphi. We developed this project using the LangChain library with Python, incorporating a vector database. The deployment was carried out on AWS utilising Lambda functions for the backend to support REST APIs, and the frontend was developed using Next.js with GraphQL.

I then contributed to some other projects, like Parmalat with Next.js Alpha-test with NodeJS.

I worked on some minor projects developing skills with HTML, CSS and Shopify Liquid.

Education

Liceo Scientifico Scienze Applicate (Science High School) — 2016 - 2021

IT Science University of Padua — Degree, 2021 - 2023 — Dropout

Projects

My focus has always been on the products. For that reason, I have worked on these two main projects:

Weav — weav.it

Weav is a mobile app that helps users meet new people and find events in their cities, emphasizing the impact of social connections and opportunities. Technically, it is built with React Native for the frontend, Django with REST APIs for the backend, and PostgreSQL for the database. Fastlane is used for the deployment pipeline.

Hyle — hyle-app.com

It's incredible how we constantly fail to grasp how many ideas remain to be discovered.

Hyle originated from my personal need to retain and interconnect important concepts from my reading. The goal is to enable users to develop cross-disciplinary knowledge and enhance their critical thinking skills, which are essential in today's world. Finally, it enables users to perform a semantic search over their knowledge, making it readily accessible whenever needed—essentially acting as a second mind.

Technically speaking, the first version of the app, which implements part this new learning method I'm trying to develop, is built with React Native for the frontend, Golang for the backend, and runs on AWS infrastructure.

You can even download the app directly from the App Store: <https://apps.apple.com/it/app/hyle/id6502580044>.

Languages

Italian — Native or bilingual proficiency.

English — Professional working proficiency.