Matteo Depalo

Senior Software Engineer

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About

I'm a senior full-stack web developer who is used to wearing many hats thanks to my extended experience working in startups and medium-sized companies, where building a great product has been the main focus. I love taking on new challenges, especially when it involves learning something out of my comfort zone that will broaden my understanding of a subject. I also love creating a refined development process that leads to a very effective working environment.

Experience

Zapnito
Senior Software Engineer

June 2019 - Present
(2 Years, 9 Months)

Worked as a senior software engineer on the whole stack, focusing my efforts first on the front-end and then on the infrastructure.

- Streamlined customer onboarding process by migrating a big part of the infrastructure to Terraform
- Integrated Algolia to help us improve the platform search experience
- Implemented a private direct messaging platform with Twilio and Ember.js
- Made sure that our Ember + Rails stack was up to date
- Led the team effort in rewriting our internal authoring tools in Ember.js
- Migrated the whole codebase to Typescript
- Automated our deployment workflow in Slack
- Unified development stacks with VSCode Devcontainers and Docker
- Introduced review apps to help us QA our PRs faster

Caldera Labs
Director

September 2015 - June 2019
(3 Years, 9 Months)

Founded Caldera Labs, a company that focuses on Ember, Rails, and Elixir consulting in London.

- Featurist - Worked on new features, improvements and refactors for an app written with hyperdom.js
- DVELP - Worked on a website for a gym in central London built with Rails and Vue.js
- GlobalWebIndex - Worked on internal reports and graphs built with D3.js
- The Trainline - Worked on architecting and implementing a new JSON API in Ruby that allowed every service in the company to communicate using a common protocol.
- Kayako - Worked on a major rebuild of the product in Ember.js.
- Zapnito - Worked on the main application built with Ruby on Rails and Ember.js.

AlphaSights
Product Lead

Worked as a full-stack developer and product lead on the main application which is built with Ruby on Rails.

- Shipped a major reimplementation of the main internal product using Ember.js
- Contributed to the development of our internal front-end framework built with SASS and enhanced by our Ember components library.
- Implemented a new way to get to know and better serve all our internal users leveraging Intercom.
- Introduced a new type of process based on weekly releases with an updated changelog for our main product.
- Changed the way we communicate as a global team with the help of Discourse.

Self-Employed
Freelance Web Developer

July 2013 - October 2013
(3 Months)

Worked on some side projects in Ruby on Rails.

Responsa
CTO & Co-founder

November 2011 - July 2013
(1 Year, 8 Months)

Co-founder of Responsa, a startup that offers an embeddable Q&A widget developed with Ruby on Rails, with the role of lead web developer and CTO. Responsa was a company growing in H-Farm, a startup incubator in northern Italy.

- Led a team of 4 engineers delivering a front-end heavy product built with Backbone.js which was sold to multiple clients.
- Successfully migrated away from Heroku by using Capistrano and Digitalocean

Lucido
Co-founder

April 2011 - November 2011
(7 Months)

Worked at Lucido on the creation of Playround, a platform for gamers in Ruby on Rails. Collaborated to the development of the iPad game ColorManiac and the iPhone application Manistone.

- Ruby on Rails
- iOS Development

IFAE
Physicist

May 2010 - August 2011
(1 Year, 3 Months)

Worked at the High Energy Physics Institute (IFAE) in Barcelona (Spain) dealing with the characterization of specific hardware for astronomic observations. Development in ROOT environment (C++ language).

- Learned C++
- Data analysis performed with Root

Side Projects

Focaccia
Sole developer

October 2021 - Present
(6 Months)

⬈ https://focaccia.app

An app that lets you keep track of baking recipes and calculates baker's percentages.

- Next.js
- Nest.js
- GraphQL API automatically mapped to a Typescript client with a code generation tool.

Ariko
Co-developer

April 2021 - Present
(12 Months)

⬈ https://github.com/matteodepalo/ariko

An embedded software for Arduino that interfaces with a Certabo Chessboard and various components like an LCD and buttons.

- Rust
- Embedded HAL

Best Before
Co-developer

May 2018 - August 2018
(3 Months)

⬈ https://github.com/calderalabs/BestBefore

An iOS app that helps you keep track of expiring things in your fridge.

- Swift

Education

Università degli Studi di Siena

2006 - 2010

Bachelor degree
Physics

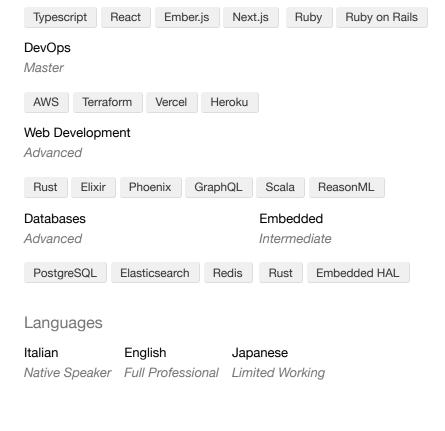### Liceo classico Enea Silvio Piccolomini, Siena

2001 - 2006

High school diploma
Humanism

Skills

Front-end Web Development
Master

Back-end Web Development
Master

Typescript   React   Ember.js   Next.js   Ruby   Ruby on Rails

DevOps
Master

AWS   Terraform   Vercel   Heroku

Web Development
Advanced

Rust   Elixir   Phoenix   GraphQL   Scala   ReasonML

Databases   ## Embedded
Advanced   *Intermediate*

PostgreSQL   Elasticsearch   Redis   Rust   Embedded HAL

Languages

Italian   **English**   **Japanese**
Native Speaker   *Full Professional*   *Limited Working*

Interests

Chess   Rock Climbing   Japanese   Cooking