

# MATTEO PIETRO DAZZI

## Senior Software Engineer

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## WORK

### Senior Software Developer

#### NearForm

September 2022 – Now    Remote, Italy

Development and maintenance of NearForm’s open source projects.

Technologies involved:

- JavaScript (React & Node.js);

### Senior Technical Leader

#### Mia-Platform

February 2022 – September 2022    Milan, Italy

Maintainer of the **micro-lc** organization and technical leader of the **Mia-Platform Console** product.

Technologies involved:

- JavaScript (React & Node.js);
- Go;
- MongoDB;
- Docker;
- Kubernetes

The work method follows the **Scrum Principles**.

### Expert Full Stack Developer

#### Mia-Platform

March 2021 – February 2022    Milan, Italy

Maintainer of the **micro-lc** organization and technical contact for the following products:

- Mia-Platform Console;
- Developer Portal;
- Swagger Aggregator;
- Back-office

Technologies involved:

- JavaScript (React & Node.js);
- Go;
- MongoDB;
- Docker;
- Kubernetes

The work method follows the **Scrum Principles**.

## ME

*I am looking for something that never makes me stop keeping up with the future.*

## EDUCATION

BSc in Computer Science: 103/110

#### The University of Milan - UniMi

2013 – 2016    Milan, Italy

Industrial chief technician specialized in ICT: 100/100

#### Institute of Higher Education Caramuel

2008 – 2013    Vigevano, Italy

## SOFT SKILL COURSES

Project Management Fundamentals

Cristiano Ottavian    2020

Learn & Lead

Francesca Ippolito    2020

## STRENGTHS

Pipelines

JavaScript

React

Java 7/8

Docker

Angular

AngularJS

Microservices

Microfrontends

Spring

TypeScript

Linux

Node.js

Git

Flutter

WebComponents

Swagger

Rest APIs

RxJS

Go

Problem solving

Proactiveness

Precision

Work organization

Creativity/Innovation

Consulting

Decision making

Coaching

Self-learning

Team work

## Full Stack Software Engineer

### GFT Italia S.r.l - for Studioform

📅 October 2020 – December 2020    📍 Remote working

In this project I have joined 2 different teams, each ones with at least 4 developers.

The work method follows the **Scrum Principles**.

#### Dedalus Team, **Front-End**:

- **Reorganization of the structure** of the **Angular 10** app;
- Realization of core functionality of a text editor, based on **ProseMirror**;
- Creation of the **TypeScript** types;
- Definition and execution of the **linting rules**;
- Production of the **Angular templates**;
- Training colleagues on **Angular** ecosystem.

#### Icarus Team, **Full Stack**:

- Creation and publication of custom **Docker** images on **Docker Hub**;
- Deployment and versioning of **Docker Compose** files;
- **Docker Compose** stacks management with **Portainer**;
- Deployment and management of a **RabbitMQ cluster**;
- Realization of a new microservice and **Rest APIs** in **Java 8** and **Spring Boot**; They have been configured to work with **Eureka** and they have been tested with **JUnit 5**;
- Evolution of the **Angular 8** application.

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## Lead Front End Engineer

### GFT Italia S.r.l - for Pegasus Project

📅 August 2020 – Now    📍 Remote working

Design and realization of the web console used by *Irish banks* to manage the *Pegasus payment system*.

- Creation and documentation of the *Pegasus* app architecture;
- Development of some pages, using the **Reactive Pattern**;
- Training a colleague on the usage of **RxJS** and **Akita State Manager**;
- Deployment of *Pegasus* console on internal server and on **Netlify** using a custom **GitLab pipeline** and **Docker Runner**;
- Creation of a status notification channel on **Microsoft Teams**;
- Realization of a **Cypress** test suite executed at every code *push*;
- Documentation of the web console **APIs** using **OpenAPI 3.0 specification**;
- Automatic **TypeScript** models generation using **Swagger codegen**;
- Active participation in internal strategic meetings and **working hand in hand with the Delivery Manager**.

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## Lead Front End Engineer

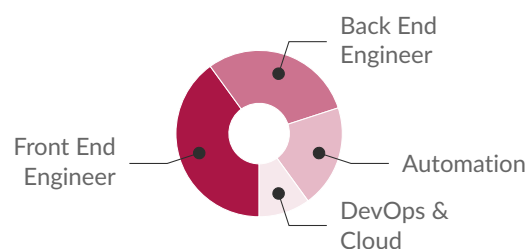
### GFT Italia S.r.l - for Compass

📅 February 2020 – August 2020    📍 Remote working

- Development of a **StencilJS WebComponent** fully customizable using **Google Analytics**;
- Active participation in strategic meetings and **work hand in hand with the customer and its suppliers**.

## EXPERIENCE

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## SIDE PROJECTS

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🚩 **flutter\_i18n**  
I18n made easy, for Flutter!

🐙 **docker\_buildx**  
GitHub Action to build and publish Docker images using Docker Buildx.

🔒 **docker-surfshark**  
Docker container with OpenVPN client preconfigured for SurfShark VPN.

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## Front End Developer

### GFT Italia S.r.l - for Compass

📅 November 2019 – March 2021      📍 Milan, Italy

- Maintenance and evolution of a **JQuery** toolkit;
- Inclusion of **TensorFlow JS** for image recognition,
- Active participation in strategic meetings and **work hand in hand with the customer and its suppliers.**

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## Mobile Developer

### GFT Italia S.r.l - for PagoPA

📅 August 2019 – February 2020      📍 Milan, Italy

Maintenance and evolution of a mobile **SDK** for the payments to the *italian public administration*.

- The *Android* part of the SDK has been made in **Java**;
- The *iOS* part of the SDK has been made in **Objective C**;
- The core *business logic* has been made using the **native C++ code**;
- Active participation in internal strategic meetings and **work hand in hand with the Delivery Manager.**

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## Code reviewer

### GFT Italia S.r.l - for Intesa San Paolo

📅 October 2019 – December 2019      📍 Milan, Italy

- Review, discussion and merge of the **Java** code produced by colleagues.
- Training colleagues on **Git Flow**.
- Creation of a status notification channel on **Microsoft Teams**.
- *Rest APIs* test automation using **Postman**.

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## Lead Full Stack Developer

### GFT Italia S.r.l - for Maccorp Italiana S.p.A.

📅 June 2019 – November 2020      📍 Milan, Italy

Evolution of the new *Forexchange.it* e-commerce.

- Migration of the **Angular** app from v5 to v6;
- Maintenance and evolution of the **NodeJS Rest APIs**;
- Insertion of a **Redis cache** to interact with an external tour operator;
- Setup of **GitLab pipelines** and **Redmine**;
- Creation of a status notification channel on **Microsoft Teams**;
- Migration of the payment system from *Nexi* to *Mercury - MonetaWeb*;
- Active participation in strategic meetings and **work hand in hand with the Project Sponsor and the customer.**

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## Full Stack Developer

### GFT Italia S.r.l - for CheBanca!

📅 September 2016 – March 2021      📍 Milan, Italy

Realization and Evolution of the *CheBanca!*'s *3.0 Multichannel Portal*.

The maximum team composition was **35 people**.

- Realization of the front-end functionalities with **AngularJS**, all organized in **AMD modules** loaded by **RequireJS**;
- Migration of the *Rest APIs* from **Layer 7 API Management** to a **Spring Integration microservices** architecture;
- *Microservices* tests with **Mockito** and **JUnit 4**;

- Review and merge of all the code produced by me and my colleagues;
  - *Rest APIs* documentation using **OpenAPI 2.0 specification**;
  - Maintenance and evolution of the *UI Toolkit* used by all the portals;
  - Creation of a *PoC* to upgrade the *UI Toolkit* to **WebComponents**, generated by **Yeoman**;
  - Work closely to the colleagues, to help them overcome every obstacle;
  - Training colleagues on code quality and the *CheBanca architecture*;
  - Active participation in internal strategic meetings and **work hand in hand with the Delivery Manager and the customer**.
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## Company initiatives

**GFT Italia S.r.l**

📍 Milan, Italy

- Presentation about the **Clean Coding** importance;
- Migration of a *microservices PoC* from company's server to **IBM Cloud** using **Kubernetes**;
- *Smart Classifier* project for the **IBM Watson Build 2018** competition;
- Presentation about the **Contract First approach to the API development**;
- Technical recruiter.

## PUBLICATIONS

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### Medium articles

- *Docker: Why multi-arch images matters?* (2020). URL: <https://medium.com/gft-engineering/docker-why-multi-arch-images-matters-927397a5be2e>.
- *The importance of self improvement, or better: the awareness of inadequacy* (2020). URL: <https://ilteoood.medium.com/the-importance-of-self-improvement-or-better-the-awareness-of-inadequacy-b6c17026c720>.
- *Web Components: a future-proof structure* (2020). URL: <https://medium.com/gft-engineering/web-components-a-future-proof-structure-5db3865fa31>.