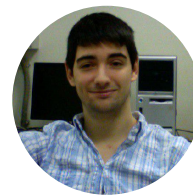# MATTEO PIETRO DAZZI

**Senior Software Engineer**

@ matteopietro.dazzi@gmail.com    ☎ +39 (370)-344-6446    ⚲ Rho, MI 20017, Italy    in Matteo Pietro Dazzi
⌨ iLTeoooD    ✉ @ilteoood    ⚲ https://ilteoood.xyz

## WORK

### Senior Technical Leader
**Mia-Platform**

📅 February 2022 – Now                ⚲ 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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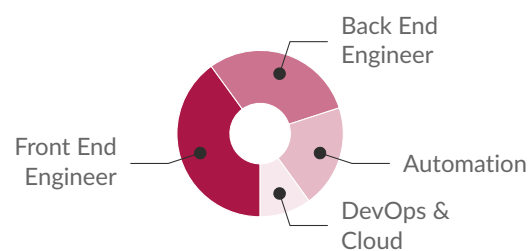
## Lead Front End Engineer
**GFT Italia S.r.l - for Compass**

📅 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



Back End Engineer
Front End Engineer
Automation
DevOps & Cloud

## SIDE PROJECTS

**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.

## 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**.

## 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**.

## 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 collegues.
- Training colleagues on **Git Flow**.
- Creation of a status notification channel on **Microsoft Teams**.
- *Rest APIs* test automation using **Postman**.

## 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**.

## 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 collegues;
- *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 collegues, 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

## 🗐 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://ilteooood.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`.