

# MATTEO PIETRO DAZZI

## Software Engineer

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## 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.

### 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**.

## 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

## TECHNICAL TRAINING



coursera OverNet  
EDUCATION

## SOFT SKILL COURSES

Project Management Fundamentals

Cristiano Ottavian 2020

Learn & Lead

Francesca Ippolito 2020

## STRENGTHS

Pipelines JavaScript Java 7/8  
Docker Angular AngularJS  
Microservices Spring TypeScript  
Linux Node Git Flutter  
WebComponents Swagger  
Rest APIs RxJS Akita

Problem solving Proactiveness  
Precision Work organization  
Creativity/Innovation Consulting  
Decision making Coaching  
Self-learning Team work

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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**.

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## Front End Developer

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

📅 November 2019 – November 2020 📍 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.**

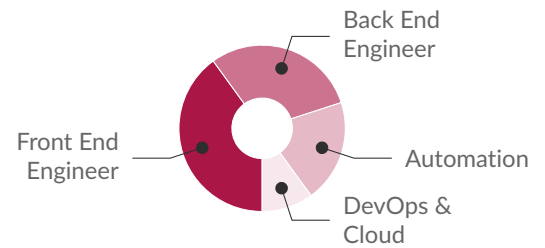
📅 June 2019 – November 2020 📍 Milan, Italy

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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## EXPERIENCE



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## 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.

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## Full Stack Developer

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

📅 September 2016 – Now

📍 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

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

The new portal is used for the *HomeBanking*, by the *branches* and by the *financial advisors*.

- 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>.
- *Web Components: a future-proof structure* (2020). URL:  
<https://medium.com/gft-engineering/web-components-a-future-proof-structure-5db3865fa31>.