

Marco Furone

Full-stack Developer

London, UK
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Profile

Software Engineer with 6+ years of experience, excellent **JAVA** development skills, good knowledge of OOP principles and experience with some well-known Frameworks.

Gained expertise as a **Full-stack** Developer working several times in a similar role using front-end technologies, in particular **JavaScript / Typescript, React** and **CSS**, exposing Web Services and working with Relational and NO-SQL Databases.

Often joined **Agile** teams, used micro-services architectures and functional programming languages.

Worked throughout his career in large and small organisations across a wide range of industries including banking, insurance, consulting, and the travel industry.

Experience

10/2022 to 11/2023

Go City
London, UK

- Involved in the development of several new **micro-services**, both front-end and back-end, to build new applications that have replaced legacy software in a technological transformation phase of the company resulting in annual savings of over £100k, performance improvements of up to 25% and more maintainable code.
- Designed software components, planned tickets, wrote technical specifications, working in an Agile team made of 10 people and collaborating on a daily basis with product managers, designers, stakeholders and software engineers, senior and junior.
- Being responsible for the delivery of the code to the production environment and being on-call on a monthly basis fixing production issues.

Technologies:

Java 17, Spring Boot, Kafka, Lombok, JUnit, Mockito, Gradle, PostgreSQL Typescript, React, NextJs, Redux (Saga, Toolkit), **CSS** (styled-components), **Jest, Cypress**
Kubernetes, Docker, yaml, Helm, Prometheus, Grafana, CircleCI, API Gateway
MySQL and PostgreSQL, Python and Airflow

06/2020 to 09/2022

3D INNOVATIONS
London, UK

- Designed and developed an application (and its CMS) from scratch, which shows information and analysis about **Market Indexes**.
- Took business requirements and turned them into application functionalities, leading the entire development and delivery of the project using a **BDD** process.
- Developments and maintenance of a legacy flagship application.
Moved this application to **AWS** and improved several heavy SQL queries that resulted in an overall load speed improvement of ~30%.

03/2019 to 01/2020

Credit Suisse
London, UK

- Development from scratch of a Data-driven Web Application in a Bank environment, working full-stack with **JavaScript** (ES 6), an OOP language (**JAVA**) and a functional programming language (**Clojure**), using dynamic technologies to store and retrieve data (**GraphQL** and **MongoDB**), working with a **Docker** environment.
- Part of an **Agile** team interacting with technical and non-technical people (front-office).

01/2018 to 12/2018

ALLIANZ
Milan, Italy

- Development, mainly with **Java 8** using a **TDD** approach, of an Application for Document Management that allowed users to upload and view documents.
- Exposed Web Services to external applications and internal back-end components working with a **micro-services** architecture.
- Development of stand-alone applications for massive upload of documents.

01/2017 to 12/2017

HIGHWAY
Milan, Italy

- Full-Stack Development of a **JAVA / Javascript** eCommerce (and its Management Application), working in a highly specialised Web Agency.
- Development of a small client application that consumed **REST** services using **C#**.
- Development of a Facebook Chatbot using **NodeJS** and a **NO-SQL** database.

07/2016 to 12/2016

DELOITTE DIGITAL
Milan, Italy

- Front-end and Back-end development of a B2B eCommerce for an important client (*MSC Cruise Company*), working in an **Agile Scrum** large team.

05/2016 to 06/2016

GCI
Milan, Italy

- Front-end (**AngularJS** 1.x, **Javascript**) and Back-End (**Java**, **Jax-RS**, **Hibernate**) development of a Management Web Application.
- Banking consultancy (SSM) for an important Italian Bank (*Intesa Sanpaolo*) working on a **Big Data** project.

Independent Projects

www.timesheetevo.com

Developed a web-based SaaS Management Application on my own: *Timesheet Evo*. It is an independent Web Application for managing employee timesheets, expense notes and leave requests.

The website also contains its 'commercial' landing paging, although this is not a real commercial application and was developed entirely by me shortly after my graduation during my free time to explore new solutions and experiment with technologies.

Technologies used: Java, JavaScript, AngularJS 1.x, HTML, CSS, Bootstrap, SQL.

Website: <http://www.timesheetevo.com>

Sample user: timesheetevo@gmail.com; password: 123456

Web Portfolio: <http://www.marcofurone.com>

GitHub: <https://github.com/MarcoJob92>

Skills

Programming Languages:

- Expert: **Java**
- Proficient: **JavaScript** and **Typescript**
- Prior experience: **Clojure**, **NodeJS**, **C#**, **Python**.

Java:

Spring boot (Core, Web, Data, Security), **Hibernate**, Junit, Mockito, Maven, Gradle, Lombok, JAX-RS, JAX-WS, Struts, Servlet, JSP, JSTL, JDBC, EJB, Hadoop (HIVE).

Front-end:

React (hooks), **NextJS**, **Redux** (Saga, Toolkit), Jest, Cypress, **HTML5**, **CSS** (Sass), npm **JavaScript** (ECMAScript 6), **Typescript**, Axios, Ajax, JQuery, Bootstrap.

Good knowledge of:

Kubernetes, **SQL** language, **MongoDB**, **XML** and **JSON** as data exchange formats, **micro-service** architecture, **MVC** and **ORM** Patterns, **REST** and **SOAP** Services, **GIT**, API Gateway.

Education

- **Bachelor of Computer Science**, March 2016.
University of Messina, Sicily, Italy.
Completion of two OOP courses during university: **C++** and **Java**.
Thesis title: *Design and implementation in java of a Client/Server system for the management of a library*.
- **2-week .NET Framework Course**, April 2016.
Milan, Italy.
Technologies: C#, ASP .NET Framework, Entity Framework, SQL Server.