Marco Catapano

Software Engineer

8+ years of experience focused in backend application development. I spent these years with the intent of getting continuously better in software engineering. I have always had and I still have curiosity towards languages in order to improve everyday; learning is a never ending process, especially in IT.

About me

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🌐 Personal Website

Experience

Engineer II @ Trade Republic

current - 2022/05

- Maintain, extend, and develop Trading Experience services
- Go-to person for the instrument search system
- Technical interviews
- Help in developing new features by writing RFCs and other relevant documentation
- **Tech**: Kotlin, Spring, VertX, GH Actions, ScyllaDB, Elasticsearch, PostgreSQL, RabbitMQ, Snowflake, Kafka, Docker, k8s, LGTM stack, AWS

Software Engineer @ Prima Assicurazioni

2022/04 - 2021/05

- Develop Agents' platform Backend in Rust
- Develop Agents' platform Frontend in Elm
- **Tech**: Rust, Docker, Elm, GraphQL, k8s, RabbitMQ, PostgreSQL, Datadog

Software Engineer @ Extra Red

2021/05 - 2018/09

- Develop Apache Camel routes
- Develop Spring REST services
- DevOps engineering with OCP 3.x and Jenkins
- **Tech**: Camel, Spring, Jenkins, OCP, Docker, Java8+, GitLab, RDBMS, ActiveMQ

Backend Developer @ M.E.T.A. Srl

2018/05 - 2016/09

- Develop features in digital publishing back-ends
- Extending websites of cultural authorities
- **Tech**: PHP, MySQL, Solr, Git, GitLab, Bash

Backend Developer @ Siter Srl

2016/08 - 2015/12

- Extend company main product either by changing the codebase or by creating external executables (e.g. SOAP consumers, IMAP desktop apps, etc.)
- **Tech**: VB6, C#, Java 7, .NET 4, RDBMS

Internship @ Siter Srl

2015/10 - 2015/07

- Develop a SOAP service and consumer for the company's main product DB
- **Tech**: VB6, C#, Java 7, .NET 4, RDBMS

Misc.

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Tech skills

Languages

Kotlin, Java, C#, Rust, VB, PHP
Basic knowledge: Elm, Python, Golang, sh, F#, C, JS

Frameworks

Spring, VertX, Quarkus, Apache Camel, .NET Core, Actix Web

Tools

Maven, Gradle, NuGet, Cargo, Pip, Git, Docker, IntelliJ IDEA, VSCode, Visual Studio, Insomnia, Postman, Paw

Platforms

OCP, Kubernetes, AWS, EAP, GitHub, GitLab, Quay.io, Datadog, Jira, Terraform, PostgreSQL, MySQL, Redis, Elasticsearch, ScyllaDB, Terraform, SonarCloud, RabbitMQ, ActiveMQ, JBoss Fuse

Spoken languages

Italian: native
English: C1+

Education

Bachelor's Degree in CompSci

@ University of Pisa

Score: 110/110 - with honours
Subjects: algorithms, data structures, FP, OOP, basic math, formal languages, RDBMS, computer arch, networks

Business, Accounting, Programming ("Mercurio" project)

@ I.I.S.S. Antonio Pesenti

Score: 100/100 - no honours
Subjects: economics, applied math, IT