

Marco Catapano

Software Engineer

10 years of experience 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.

Experience

current - 2022/05	Software Engineer @ <u>Trade Republic</u> <ul style="list-style-type: none">Maintain, extend, design, and develop backend systems for Web and Pro tradingGo-to person for the instrument search, appropriateness testing, and portfolio chart systemsShipping end-to-end features, from RFC to ADR to production and monitoringTech: Kotlin, Spring, VertX, GH Actions, ScyllaDB, Elasticsearch, Kafka, Redis, PostgreSQL, RabbitMQ, Snowflake, Docker, k8s, LGTM stack, AWS
2022/04 - 2021/05	Software Engineer @ <u>Prima Assicurazioni</u> <ul style="list-style-type: none">Develop Agents' platform Backend in RustDevelop Agents' platform Frontend in ElmTech: Rust, Docker, Elm, GraphQL, k8s, RabbitMQ, PostgreSQL, Datadog
2021/05 - 2018/09	Software Engineer @ <u>Extra Red</u> <ul style="list-style-type: none">Develop Apache Camel routesDevelop Spring REST servicesDevOps engineering with OCP 3.x and JenkinsTech: Camel, Spring, Jenkins, OCP, Docker, Java8+, GitLab, RDBMS, ActiveMQ
2018/05 - 2016/09	Backend Developer @ <u>M.E.T.A. Srl</u> <ul style="list-style-type: none">Develop features in digital publishing back-endsExtending websites of cultural authoritiesTech: PHP, MySQL, Solr, Git, GitLab, Bash
2016/08 - 2015/12	Backend Developer @ <u>Siter Srl</u> <ul style="list-style-type: none">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
2015/10 - 2015/07	Internship @ <u>Siter Srl</u> <ul style="list-style-type: none">Develop a SOAP service and consumer for the company's main product DBTech: VB6, C#, Java 7, .NET 4, RDBMS

Misc.

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About me

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- catapano-marco@mail.com
- 12/05/1993
- [LinkedIn](#)
- [GitHub](#)
- [LeetCode](#)
- [Personal Website](#)

Tech skills

Languages

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

Frameworks/libraries

Spring, VertX, Quarkus, Apache Camel, .NET Core, Actix Web, Kafka Streams, Selenium

Tools

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

Platforms

OCF, Kubernetes, AWS, EAP, GitHub, GitLab, Quay.io, Kafka, 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