


Simone Esposito

SOFTWARE DEVELOPER

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 simoexpo

 simoneesposito90

ABOUT ME

Passionate about computer science, I'm always happy to test myself on new technologies and learn new things. I really enjoy writing code and sharing knowledge with others. I strongly believe in the importance of teamwork and collaboration to achieve better results and improve myself. My main interests are FP (I'm in love with Scala and I'm currently studying Haskell), concurrent and distributed programming and computer security (especially reverse engineering and binary exploitation).

SKILLS

CODING: Scala, Java, Elixir, Erlang, C

FRAMEWORK & TOOLKIT: Akka, Akka Http, Akka Stream, Apache Spark, AspectJ, Cats, Kafka, Kafka Stream, Phoenix, Play, Squeryl, Swagger

DATABASE: MySQL, PostgreSQL

LANGUAGE: Italian, English

WORK EXPERIENCE

- 2019 **SCALA DEVELOPER @ LEONTEQ SECURITIES AG (BITROCK CONSULTANT)** *Milan, Italy*
Designed and developed a public API layer on top of the core CQRS Kafka based architecture to enable the integration of third-party and mobile application. Implemented a stress test suite to monitor and measure APIs performances.
TECHNOLOGIES: Scala, Kafka, Kafka Stream, Akka HTTP, Akka Stream, Swagger, Slick, PostgreSQL, Gatling.
- 2017 - 2019 **SCALA DEVELOPER @ MONEYFARM (BITROCK CONSULTANT)** *Milan, Italy*
Worked in an international Scrum team to implement a self-invested personal pension products for the UK market, a new billing system and enhance the whole microservices architecture.
TECHNOLOGIES: Scala, Akka HTTP, Akka Stream, Play Framework, Swagger, Squeryl, MySQL, Docker.
- 2017 **SCALA DEVELOPER @ BITROCK** *Milan, Italy*
Developed a contact management web application with camera integration to parse vCard encoded in QR code.
TECHNOLOGIES: Scala, Play Framework, Slick, React, MySQL, OAuth2, Heroku.

EDUCATION

- 2015 - 2017 **M.SC. IN COMPUTER SCIENCE @ UNIVERSITÀ DEGLI STUDI DI MILANO** *Milan, Italy*
Grade: 110 cum laude
Thesis: Agile Programming with ReverseЯ
- 2011 - 2015 **B.SC. IN COMPUTER SCIENCE @ UNIVERSITÀ DEGLI STUDI DI MILANO** *Milan, Italy*
Grade: 110/110
Thesis: Dynamic Reverse Engineering of Sequence Diagrams

CERTIFICATIONS

- 2019 **CONFLUENT CERTIFIED DEVELOPER FOR APACHE KAFKA**, *Confluent*
- 2018 **SCALA LANGUAGE - EXPERT**, *Lightbend*
- 2018 **CONFLUENT DEVELOPER TRAINING: BUILDING KAFKA SOLUTIONS**, *Confluent*
- 2018 **CONFLUENT OPERATIONS TRAINING FOR APACHE KAFKA**, *Confluent*
- 2017 **AKKA FOR SCALA - PROFESSIONAL**, *Lightbend*
- 2017 **SCALA PROGRAMMING LANGUAGE PROFESSIONAL**, *Lightbend*