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 learning Haskell), concurrent and distributed programming and computer security (especially reverse engineering and binary exploitation).

Skills

Coding: Scala, Java, Elixir, Erlang, Python, C#, 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 (via BITROCK)**   *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 clients and a mobile app.
Technologies: **Scala, Kafka, Kafka Stream, Akka HTTP, Akka Stream, Swagger, Slick, PostgreSQL.**

2017 - 2019   **Scala Developer @ Moneyfarm (via BITROCK)**   *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*