



BRUNO FILIPPONE

TECH LEAD

CONTACT

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BFIL.IO/ABOUT

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PROFILE

13+ years of experience in software engineering designing scalable and testable software architectures and distributed systems.

I love to collaborate and lead by example.

RECENT POSITIONS

DATA ENGINEER (CONTRACT)

GUARDIAN | SEPTEMBER 2019 - TODAY

- Migrating the existing AWS data lake from Athena & S3 to Google BigQuery while introducing DBT to add support for SQL-based data transformations
- Supporting and enhancing existing Spark data jobs and Airflow pipelines

PRINCIPAL SOFTWARE ENGINEER

WAGESTREAM | APRIL 2019 - JULY 2019

- Developing across the full-stack of the Wagestream platform, including the Wagestream API, the integrations with third-party systems such as payment and payroll providers, the internal and external web portals and the mobile application

EDUCATION

COMPUTER ENGINEERING

POLYTECHNIC OF TURIN | 2008

SKILLS

Software Engineering

Distributed Systems

Software Architecture

Scala

Java

TypeScript

JavaScript

Rust

Python

Akka

Kafka

Spark

Postgres

MongoDB

Redis

NodeJS

React

Vue

AWS

GCP

Kubernetes

Microservices

Continuous Delivery

Continuous Integration

Domain Driven Design

TOP ARTICLES

EVOLUTION OF A SOFTWARE ENGINEER

6 AUGUST 2017

JUST ENOUGH FUNCTIONAL PROGRAMMING

28 AUGUST 2017

GITHUB AS A FAST TRACK TO INTERVIEWS

25 SEPTEMBER 2017

EMPLOYMENT HISTORY

PRINCIPAL SOFTWARE ENGINEER

EXPEDIA AFFILIATE NETWORK | MAY 2018 - APRIL 2019

Scala Akka Kafka Spark Hive Docker AWS React Python

- Taking ownership of, architect, build and scale parts of Expedia Affiliate Network's data platform
- Mentoring and developing engineers in the data team
- Setting up a framework to build data pipelines in the cloud with real-time streaming support while facilitating the decommissioning of the on-prem datacentres

PRINCIPAL SOFTWARE ENGINEER

OVO ENERGY | MAY 2016 - APRIL 2018

Scala Akka Kafka Spark Docker AWS Redis MongoDB Postgres
InfluxDB TypeScript JavaScript Aurelia Angular NodeJS

- Taking ownership of, architect, build and scale parts of OVO's microservices platform
- Driving both product and technical improvements by communicating ideas, engaging with different teams and encouraging debates and collaboration
- Mentoring and developing engineers in the tech team and sharing innovative technical ideas with the wider team

SENIOR SOFTWARE ENGINEER / TECH LEAD

OVO ENERGY | MAY 2013 - JUNE 2016

Scala Akka Kafka Spark Docker AWS Redis MongoDB Postgres
InfluxDB TypeScript JavaScript Aurelia Angular NodeJS

- Designed and developed most of the core OVO's microservices platform, services, web apps and integrations
- Set up the infrastructure for testing, continuous delivery, monitoring and distributed tracing
- Helped hiring and scaling the team from 3 to 100+ developers

SENIOR WEB & MOBILE DEVELOPER

BRIGHTTALK | JANUARY 2012 - MAY 2013

Java JavaScript JQuery Dojo NodeJS PHP Symfony

- Designed and developed client-side frameworks to build video players and third-party widgets for web browsers
- Worked on various parts of the company's platform, portal and APIs

WEB & MOBILE DEVELOPER / CONSULTANT

AIZOON / COMPET-E / E-GATE / AUSILIUM | 2008 - 2011

C# C++ Java JavaScript MySQL SQL Server ASP.NET Android Ruby AWS
Jersey PhoneGap Flash

- Worked for various software development consultancies and their clients, mostly telecommunication giants such as Three and Vodafone

RECOMMENDATIONS

"Hiring great talent can be tough, but every once in a while you strike gold. Bruno demonstrates many if not all of the talents and skills I highly rate in a software developer." - **Steve Hirst**, CTO @ iCareHealth UK - June 2015

"Bruno has been instrumental in developing the suite of digital products OVO Energy offers, building our technology team and establishing the micro-service architecture on which everything runs." - **Andre Verhaeg**, Head of Development @ OVO Energy - June 2016

READ MORE ON MY [LINKEDIN PROFILE](#)

SIDE PROJECTS

EXAR DB

AN EVENT STORE WITH REAL TIME STREAMING SUPPORT BUILT WITH RUST

SCALESRAPE

A SCALA LIBRARY TO BUILD ACTOR SYSTEMS FOR WEB SCRAPING

SCALA AUTOMAPPER

A MACRO-BASED SCALA LIBRARY TO REDUCE MAPPING CODE BOILERPLATE

RX-KAFKA

A SCALA LIBRARY TO BUILD RX OBSERVABLES/OBSERVERS FROM KAFKA CONSUMERS/PRODUCERS

VIEW MORE AT: [BFIL.IO/LAB](#)

HOBBIES

MUSIC · SPORTS · TRAVEL
PHOTOGRAPHY · VIDEOGRAPHY
SCUBA DIVING · DRUMS · CLIMBING