Paris area, France

Guillaume Bort

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I have 15 years of experience working on various software engineering projects.

➢ Designing and implementing large scale system, API, services & distributed architectures.
➢ Working on user facing applications, doing Front-End & UI development.
➢ Implementing and operating Analytics & Machine Learning data pipelines (aka Big Data).

I'm looking to work on challenging software engineering projects with a focus on the results, the user-experience and on matching deadlines.

Skills

Programming: *(expertise in:)* Java, Scala, JavaScript, Typescript *(familiar with:)* Rust, Python, OCaml, Bash.
Front-End: HTML, CSS, React, UI design.
Back-End: API, REST, GraphQL, services.
Databases: SQL, Postgres, MySQL, MongoDB, Vertica.
Big Data: Hadoop, Kafka, Zookeeper, Spark, Hive, Presto, Vertica, Big Query.
Infrastructure: AWS, Mesos/Marathon, Docker, Linux.

Employment

Senior Staff Software Engineer   Criteo (2015 – Present)

Part of the Data Infrastructure group at Criteo (ingesting 200TB & processing >20PBs of new data daily).

➢ Developed tooling for data production around SQL, Scalding & Spark (scheduler, static analyzer, developer productivity, etc.).
➢ Designed and implemented real time reporting solution over several TB of data (response time <10 seconds).
➢ Created/Operated data pipelines for Analytics & Machine Learning.
➢ Improved metrology and observability (global data catalog, SLA monitoring, resources usage, etc.).

Co-Founder   Zengularity (2004 – 2015)

Consulting & Startup Studio. I have co-founded the company and participated to grow it to more than 100 people. The company has been acquired by Fabernovel.

➢ Defined the technical vision for the company, acted as CTO for many years.
➢ Piloted many software development projects for prestigious clients in France & US (LCL, Decathlon, LinkedIn, Apple, etc.).
➢ Launched several startup spinoff such as the Prismic Headless CMS (http://prismic.io).
➢ Hired tens of engineers, participated to the company grow.
➢ Spent a lot of time in sales & pre-sales.

Advisor   Typesafe (2011 – 2014)

Joined the Typesafe Advisory Board to launch the first professional open source Scala stack.

➢ Defined strategic vision for modern web applications development in Scala.

Software Engineer   INRIA (2002 – 2004)

Part of the ECOO research team, working on distributed work organization.

➢ Implemented algorithms and proof of concept & participated to some INRIA, Bull, France-Télécom consortium projects.
➢ Assistant teacher for some Java & J2EE courses at university.

Software Developer, Intern   SQLI (2001)

Open source & Conferences

Very active in the open source community. My main contribution is with the Play framework project (a major web development framework for the JVM, supporting both the Java and Scala programming languages).

➢ Created the project and grew it to a +10,000 developers community.
➢ Lead developer until it's integration into the Typesafe stack.

Given many talks about programming, Scala and Big Data in various conferences including: Devoxx, Scala Days, Java World, Scala By The Bay, Typelevel Summit, DataEngConf, etc.

Education

➢ Master of Science – Henri Poincaré University, France (2002).