Luc Bourlier

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current location: Zurich, Switzerland
position: Senior Software Engineer

Summary

With experience in both open source and consumer products, and several years of functional programming, I am looking for the next engaging project on which to apply my abilities.
I can work remote, or relocate, as needed.

Education

Master degree in Computer Sciences
2001 - ESSI (now Polytech'Nice Sophia).

Bachelor degree, Mathematics and Computer Sciences applied to Sciences
1998 - Université de Bourgogne.

Professional Experience

Digital Asset - Senior Software Engineer, Project Lead
Zurich, Switzerland. September 2020 - February 2023.

Enterprise deployment and performance platform
Tooling and support for the deployment of Daml Enterprise on Kubernetes.
Tooling for performance measurement of Daml Enterprise.

Technologies: Kubernetes, Helm, Scala, Haskell, TypeScript, GCE, AWS, Azure.

Typesafe (now Ligthbend) - Senior Software Engineer
Remote teams, from Lausanne, Switzerland. September 2011 - April 2020.

FastData projects   2015-2020
Various projects around FastData (streaming and processing Big Data), to support the integration of the main products of the ecosystem.
The learnings lead to the creation of Cloudflow.

Technologies: Spark, Flink, Akka Streams, DC/OS, OpenShift, Kafka, Kubernetes, AWS, GCE, Scala, Java.

Scala IDE   2011-2014
Development of Scala IDE, the support for Scala development inside Eclipse.

Technologies: Eclipse, Scala, Java, Scala Presentation Compiler, JDI.

TomTom - Senior Software Engineer, Tech Lead
Amsterdam, Netherlands. June 2007 - June 2011.

Over-the-air data distribution platform
Creation and extension of the over-the-air platform used to send live data (traffic, weather, ...) to TomTom GPS devices all over the world.
Requirements of high availability, low bandwidth and ease of adding new services and regions.

Technologies: Java, SOA, AOP, J2EE, Tomcat, Spring.

Genuitec - Software Engineer
Remote, from Dijon, France. Mars 2006 - May 2007.

MyEclipse IDE
Support of an UML tool inside MyEclipse IDE.
Integration of NetBeans WYSIWYG editor for Swing in MyEclipse IDE.

Technologies: Java, Eclipse, SWT, Swing, code generation.

OTI, then IBM - Staff Software Engineer
Minneapolis, MN and Portland, OR. January 2002 - July 2005.

Eclipse project, Debugger team
Development of the Eclipse debugger platform, and of the Eclipse Java debugger.
Implementation of expression evaluation in a debugging context.
Implementation of support for JSR-45.

Technologies: Java, Eclipse, JDI, OSGI, Junit.

Open Source Experience

Eclipse - team member. (2002-2005)
Scala IDE - team member. (2011-2016)
Apache Spark - contribution to "Dynamic Rate Limiter" and "Dynamic Allocation".
Small contributions to Scala and Akka Streams.
Small contributions to Daml

Community Experience

Talks at **conferences** and user groups, including Spark Summit and Scala Days. (1, 2)
Community support for Open Source projects, main experience with Scala IDE and Cloudflow.

Miscellaneous

Languages: French, native. English, fluent.
Some notions: German, Dutch, Japanese.

Links

https://github.com/skyluc
https://www.linkedin.com/in/lucbourlier/

1 - https://youtu.be/DonFPApGR24?t=900   2 - https://youtu.be/oqWDeC1zmQw