

## GUILLAUME ALAUX

### WHAT TO REMEMBER

- 35 years old, French, lives in Paris
- Data engineer, backend dev and ops (Clojure, Scala, Java EE)
- Also codes in Bash, Python, ...
- Fond of Scrum and TDD
- Linux/open source enthusiast, [Arch Linux packager](#)
- Speaks English fluently

### QUALIFICATIONS AND TRAININGS

#### MASTER DEGREE IN COMPUTER SCIENCES

Tours, France - 2006

#### COURSERA TRAININGS

- [Parallel Programming](#) (Scala) - 100% - 08/2014
- [Algorithms: Design and Analysis, Part 1](#) (Scala) - 83% - 06/2014
- [Functional Programming Principles in Scala](#) - 100% - 03/2013
- *Principles of Reactive Programming* (Scala, Akka) - 100% - 11/2013

#### MONGODB TRAININGS

- [M102: MongoDB for DBAs](#) - 94% - 11/2013
- [M101J: MongoDB for Java Developers](#) - 95% - 10/2013

### WORK HISTORY

#### DATA ENGINEER AT S4M - PARIS - SINCE 01/2015

- Storm topology in Clojure reading from and to Kafka in Avro
- Full integration testing
- Developed REST micro services in Clojure
- Wrote Docker containers for micro services
- Setup a continuous integration platform (GitLab-CI, Docker, Nexus)
- Wrote Chef Cookbooks [available in open source](#)

#### BACKEND ENGINEER AT BLUEKIWI - PARIS - 03/2013 TO 12/2014

- Developed a Scala micro service backend providing statistics
- Play! 2.0, Casbah Mongo driver, MongoDB, sbt, Git, Vim, TDD, Linux
- Improved a social recommendation backend
- Java EE, Spring Batch, Maven, Mahout, Git, Vim, Linux

#### PERSONAL TRAINING IN JAVA EE - 08/2012 TO 01/2013

Created and developed a Java EE web application for training purpose

- GWT, Spring, JMX, RMI, OpenJPA, Hibernate, H2, Cassandra (Hector),

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Thrift, Google ProtoBuf, IntelliJ IDEA

- Sources available on [github.com/galaux/diosmio](https://github.com/galaux/diosmio)

Created and developed a Play! webapp

- Play! 2, Cassandra (Hector and Astyanax)
- Sources available on [github.com/galaux/ticketex](https://github.com/galaux/ticketex)

#### **JAVA DEVELOPER AT SOCIÉTÉ GÉNÉRALE - PARIS - 10/2011 TO 09/2012**

- Developed a set of complex marketing websites
- Java EE, Wicket, Spring, JMS, Maven, SVN, Eclipse, Scrum

#### **PYTHON JS DEVELOPER AT LINAGORA - PARIS - 10/2009 TO 06/2011**

- Developed an open source JavaScript/XUL connector for the OBM email/calendar solution ([www.obm.org](http://www.obm.org))
- Provided level 3 support for a wide range of open source application and frameworks (Tomcat, ...) on Linux
- Provided support and advised companies using open source software regarding configuration, deployment, migrations, evolutions, bug corrections on Linux
- Wrote technological surveys on Java applications
- Developed an open source Python application for simple server administration tasks on Linux ([github.com/bdonnette/PACHA](https://github.com/bdonnette/PACHA))

#### **PYTHON INTEGRATOR AT SUNGARD - SYDNEY - 12/2008 TO 06/2009**

- Integrated a back-office software onto a client's information system
- Developed a graphical interface using the dedicated Python framework

#### **JAVA DEVELOPER AT APSIDE TOP - TOURS, FRANCE - 03/2007 TO 09/2008**

- Developed Java web applications
- Java EE 5, JSF, JPA, JDBC
- Web services, SOAP, XML/HTTP, Oracle, Hibernate, Junit

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#### **OTHER IT EXPERIENCE**

##### **SINCE 08/2010 - ARCHLINUX PACKAGER**

- Package management for the Arch Linux distribution
- Shell scripting for software/libraries integration and compilation
- Bugs reporting/fixing and community feedback

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#### **MISC**

- Fond of middle-age/renaissance history and sport
- Trained in the French Air Force between 2002 and 2004 to become a weapon system officer