

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

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

MONGODB TRAININGS

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

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),
-

Thrift, Google ProtoBuf, IntelliJ IDEA

- Sources available on github.com/galaux/diosmio

Created and developed a Play! webapp

- Play! 2, Cassandra (Hector and Astyanax)
- Sources available on 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)
- 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)

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

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

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