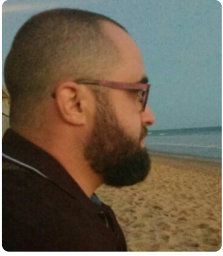


Kevin BIGER

R&D Engineer in
Software IT



IT engineer, Java and NoSQL expert.
Actor in several communities.
Free softwares evangelist.
Permanent technology watch.

40 years old

📍 Nantes (44000) France

✉ kevin.biger@gmail.com

EXPERIENCES

IT Consultant

Palo-IT - Since January 2018

PALO IT

Technical Architect

SQLI - July 2014 to January 2018 - Full-time - Nantes - France



- ▶ VSCT - Nantes
2017 january - 2018 january
Developer Senior
Java 8, Python 3, SpringBoot, Jenkins, Cucumber, Docker, VanillaJS, CSS ...
Dev for the Xsell component in oui.sncf website.
Lead tech for a cache server deployed in China with a scrapping tool.
- ▶ SQLI Toulouse - Agora
2017 july - 2017 october
Expert consultant Neo4j
Advises on data modelisation within a graph, architecture, perf and dev KPI.
- ▶ Sanef - Nantes
2016 December - 2017 January
Technical Lead
Node.js, Loopback, Ag-grid
- ▶ SQLI Nantes - Proofs of concept Blockchain
2016 October - 2017 January
Scrum Master & Technical Lead
Github, Travis-CI, Bintray, Java, rxjava, Android
- ▶ Co-director Data group
Lead pre-sales for ELK, MongoDB, Neo4j...
technical support
- ▶ SGSS - Nantes
2016 April - 2016 October
Technical project leader
Struts, Oracle, JavaEnvironnement international - english used with offshore dev in India
- ▶ i-BP - Nantes France
2015 March - 2016 April
Technical Architect
Web API, Swagger
- ▶ Lybernet - Angers France
2014 October - 2015 February
Groovy / Grails
- ▶ Domisys - materiel.net - Nantes France
2014 July - 2014 September
Java 7, Play framework, netty.io
Rest application to interact with an automat engine which has his own TCP/IP communication protocol.

Speaker

Conferences - Since 2015

- ▶ "Découvrez les bases NoSQL orientées graphes avec Neo4j"
Devfest Nantes
2016 November
- ▶ "ELK : les logs c'est bon mangez-en"
Meetup SQLI
2015 September

Co director

Meetups GDBNantes - Since 2014 - Freelancer - Nantes - France

- ▶ Cofounder
- ▶ Neo4j

R&D Engineer

MIA-Software - January 2012 to June 2014 - Full-time - Nantes - France

- ▶ MIA Discovery migration to Java/Neo4j
 - ▶ Conception of a framework based on Neo4j
 - ▶ Jenkins builds automation
 - ▶ Model generation for some part of the application
- ▶ MIA Insight's setups
 - ▶ scripting for MIA Insight's setups
 - ▶ setups toolchain updates
- ▶ Studies and researches on objects persistence, proof of concepts
 - ▶ Objectstore, object database, API C++
 - ▶ Hibernate, JPA, PostgreSQL, Java
 - ▶ OrientDB, NoSQL, Java, C++
 - ▶ Neo4J, NoSQL, Java
 - ▶ Spring Data, Neo4J, NoSQL, Java
- ▶ MIA Discovery evolutions
 - ▶ Some dev in C++, MFC

R&D Engineer

Sodius - March 2010 to December 2011 - Full-time - Nantes - France

- ▶ Lead production release
- ▶ Lead fonctionnal tests
- ▶ Dev for the DXLDebugger (for DOORS)
 - ▶ parser DXL
 - ▶ RCP eclipse application
- ▶ Dev of a rich revision control application
 - ▶ dev of the RCP eclipse application
 - ▶ dev of a Windchill connector
 - ▶ integration of the MEGA and DOORS connectors

R&D Engineer

IS2T - March 2009 to September 2009 - Internship - Nantes - France

- ▶ "Validation of an API for captors and conception/validation of an API for actuators (motors)"
experience : Java 1.3 gained, JVM (Sun 1.3) fonctionment, eclipse environment.
- ▶ "Conception and dev of a new tool for test-suites reports, benchmarks integration, code coverage"
experience : Java 1.6, XML, SAX, tests-suites, code coverage.

R&D Developer

laboratoire LINA, LABRI - July 2008 to August 2008 - Internship - Nantes - France

Under the authority of M. Jean Bézivin.

" Define a execution sementic on the new metamodel's megamodel"

The transformations chains didn't work anymore on the new metamodel of the megamodel ATL, we had to study the evolution of these chains.

Contributor for free softwares

softwares GPL, BSD... - Since January 2009 - Freelancer - Nantes - France

Contributions for free. Translations, security fixes, software architecture advices

Personal Project

personal project - Since January 2012 - Freelancer - Nantes - France

Translator for the French sign language based on Kinect technology from Microsoft








Personal Project

GloveControl - June 2008 to January 2012 - Nantes - France

- « Cursor control with a new passive device»
The user can control the cursor in front of his webcam moving his hand in a glove ended with leds.
Works on windows XP and mac osx leopard
Use C++, OpenCV(framework Intel), Blitz++, Xcode.
- GNU/Linux version, KDE integration, Gnome and XFCE
- Studies and researches for an evolution. The goal was to use our glove to learn the French Sign Language.

SKILLS

Languages

- Java 
- Groovy 
- C++ 
- C 
- XSLT, Xinclude, DOM, SAX, DTD, XML Schema. 
- ATL, KM3, Kermeta, TCS, Ecore 
- B, EventB 

WebAPI

- API Gateway (Axway) 
- Swagger 1.2-2.0 
- RAML 


Data

- Machine learning 
- Hadoop 

NoSQL

- Neo4j 
- MongoDB 
- ELK 
- OrientDB 
- ObjectStore 


Frameworks / Libraries

- Play Framework 
- Grails 
- Netty.io 

Cloud

- Openshift 

noSQL

- Neo4j 
- MongoDB 
- ELK 
- OrientDB 
- ObjectStore 

METHODS

- UML, OCL 

Spoken Languages

- French (native)
- English (pro)
- Italian (scholar)



IDE

- eclipse
- visual studio
- netbeans
- xcode
- Visual Studio



Modelers

MagicDraw, MEGA, Rational Rose, Papyrus, Topcased

Tools

- ANT, Maven
- SVN, CVS, Mercurial, Jazz, VSS
- Latex

HMI

SWT, Qt, GTK, Swing

OS

- GNU/Linux
fedora, red hat, ubuntu, debian
- Windows
- BSD
- Mac OSX
tiger, leopard

INTERESTS

Photography

amateurish photographer

Sport

- Rugby
- Archery

EDUCATION

Certification

SCRUM.ORG

Since January 2017

PSM1 (Professional Scrum Master)

Mooc

STATNFORD UNIVERSITY

Since 2016

Machine learning

Certification

NEOTECHNOLOGY

Since January 2016

Neo4j Certified Professional

Mooc

MONGODB

2014

M101J: MongoDB for Java Developers

MASTER's Degree in IT (ALMA) - software engineering

UFR SCIENCES ET TECHNIQUES DE NANTES

September 2008 to August 2009

<http://alma.univ-nantes.fr/>

A level

LYC&E CLÉMENCEAU, NANTES FRANCE

2002

"baccalauréat S" with a maths specialization