Maxime Beugnet

IT engineer
Software engineering

15 rue Victor Hugo
92400 Courbevoie
✆ *+33 7 81 26 42 16*
✉ *maxime.beugnet@gmail.com*
29 y.o., born in Toulouse - France
French, single, no child
Driving Licence

Passionate developer, Open Source and new technologies enthusiast, I like to describe myself as a pragmatic Software Craftsman.

I'm a Java and official MongoDB trainer with various certifications like MongoDB developer (C100DEV) and MongoDB DBA (C100DBA) and I also have several Couchbase certifications.

I have also been co-leading the MongoDB User Group Paris and Dev4Fun Meetups for the past 2 years. I frequent the Software Craftsmanship Meetup regularly and I have a special interest in BigData as well.

Work experiences

June 2016 — **Zenika Consultant - MongoDB Audit**, *Informatique & Technologies - Caisse d'Epargne*, Lyon.
- Audit and Sharding architecture design.

Since January 2016 — **Zenika Consultant- Tech Lead Java/JEE and BigData**, *SFR-Numéricable*, Paris.
- Recovery of the Java/JEE Backend TV SFR project (general public application),
- Architecture : Analyse and preparation for a rewriting,
- CraftmanShip : Code upkeep and improvements,
- Migration from MySQL to Couchbase,
- Migration from Glassfish Cluster to Tomcat,
- Reworking the Maven organisation.
→ Compétences utilisées: IntelliJ, Java/JEE, Spring, Glassfish, Tomcat, Mysql, Couchbase, Docker, Maven.

January 2016 — **Zenika Consultant - Java Trainer**, *SFR-Numéricable*, Paris.
- Java Beginner Training (4 days).

January 2016 — **Zenika Consultant - Java Trainer**, *SFR-Numéricable*, Paris.
- Java Beginner and Advanced custom made (4 jours).
- Help and advices to rework a Java Project.

December 2015 — **Zenika Consultant - MongoDB Trainer**, *Inter-entreprises*, Paris.
- MongoDB Essentials Training (4 days),
- Official Trainer, validated by MongoDB Inc.

December 2015 — **Zenika Consultant - Full Stack Developer**, *Cristal-Union*, Reims.
- Realization of a web platform to dematerialize the professional interview.
- Assistance in the formalization of the needs and production of the web pages.
→ Skills: IntelliJ, Maven, AngularJS, Bootstrap, JQuery, HTML5, CSS3.

November 2015 — **Zenika Consultant - Java Trainer**, *SFR-Numéricable*, Paris.
- Java Beginner Training (4 days).

October 2015	**Zenika Consultant - Java/JEE developer**, *UCPA*, Paris.
	○ Update on the import/export Excel system,
	○ Bugs analysis and cost estimation.
	→ Skills: Eclipse, Java/JEE, Hibernate, SQL.
October 2015	**Zenika Consultant - MongoDB Trainer**, *Inter-companies*, Paris.
	○ MongoDB Essentials Training (3 days),
	○ Official Trainer, validated by MongoDB Inc.
March 2015/ October 2015	**Zenika Consultant - Java/JEE et AngularJS Consultant**, *BNP Paribas*, Paris.
	○ Development on a software architecture design project,
	○ Full autonomy on the project,
	○ Increased capabilities of Eclipse RCP,
	○ Setup a continuous integration and delivery platform with Vagrant and Atlassian.
	→ Skills: IntelliJ, Java/JEE, AngularJS, Spring, Hibernate, MySQL, Jira, Stash, Git, Jenkins, Bamboo.
10-12 & 16-19 June 2015	**Zenika Consultant- MongoDB Trainer**, *ATOS Worldline*, Seclin et Lyon.
	○ Formation MongoDB Essentials (3 jours),
	○ Official Trainer, validated by MongoDB Inc.
May 2015	**Consultant Zenika - Audit MongoDB**, *Réputation VIP*, Lyon.
	○ Study of the existing data model and customer need,
	○ Complete redesign of the data model,
	○ Optimization of indexes and critical queries,
	○ Studies of logs to solve the problems of instability of the cluster,
	○ Practical tips and overall cost reduction on AWS.
February 2015/ March 2015	**Zenika Consultant- Node.js & MongoDB Developer**, *AXA*, Paris and Bruxelles.
	○ Client filtering application for marketing campaigns,
	○ Discovery and formalization of customer needs,
	○ Establishing the software architecture,
	○ Design of the MongoDB database,
	○ Creating a REST Node.js API to expose MongoDB data,
	○ Setup of Elastic to improve critical response time,
	○ Creating a random client generator in Java 8.
	→ Skills: Java 8, Node.js, MongoDB, Elastic, Docker, Codeship, Heroku, Kanban.
Novembre 2013/ Janvier 2015	**Zenika Consultant - Java/JEE Developer**, *Galec - E.Leclerc*, Ivry-Sur-Seine.
	○ Updates and evolutions in Java/JEE on the ISIS-Offre application,
	○ Internal critical product management application of E.Leclerc,
	○ Analysis and quantification of corrections and evolutions,
	○ Maintenance and creation of PDF exports with Jasper,
	○ Raised skills on the Kanban method,
	○ Active actor of an application's lifecycle in TMA,
	○ Trainer for newcomers to the project.
	→ Skills: Java/JEE, Hibernate, Spring, Struts, JUnit, Eclipse, PowerAMC, Jasper, CVS, Kanban.
February 2013/ November 2013	**Training and personnal development**.
	○ Deepening my knowledge in Java,
	○ Participation in several algorithmic competitions,
	○ Refresher course in JEE and deepening of the basics acquired during my studies,
	○ Realization of personal projects,
	○ Technology watch.

October 2011/ February 2013	**Embedded Software Engineer**, *EADS Astrium (Airbus Defense and Space now)*, Stevenage United Kingdom.

- Development of embedded code in C for the Lisa PathFinder project,
- Responsible for unit testing and open-loop testing,
- Functional analyst,
- An active member of the embedded software lifecycle,
- Installation, maintenance and optimization of the development environment,
- Creating scripts to automate heavy redundant tasks,
- Optimize the performance of different tests and create reporting tools,
- Code review (bidirectional code reviews) and quality code analysis,
- Responsible for the training of new developers.

→ Skills: GNU/Linux, C, MISRA, RTEMS, Java, Script Shell, Makefile, Eclipse, ClearCase, ClearQuest, Cantata++, VectorCast Cover, Rulechecker, Logiscope, Doors.

May 2011/ October 2011	**Embedded Software Engineer - Internship 3rd year**, *EADS Astrium*, Stevenage - United Kingdom.

- Support for project resumption (stop subcontracting),
- Implementation of a new strategy for Unit Tests,
- Design of a Unit Test library to replace Cantata++ (reverse engineering).

→ Skills: GNU/Linux, C, Java, Script Shell, Makefile, Eclipse, ClearCase, Cantata++, VectorCast Cover.

June 2010/ October 2010	**Developer - Internship 2nd année**, *Capgemini*, Pau (64).

- Refonte complète de la charte graphique et intégration du CSS,
- Réécriture de *Gesper* de Visual Basic (client lourd) en C# et .NET (client léger) pour *Total*.
- Mise en place d'importation massive de données depuis la BDD oracle vers Excel.
- Complete redesign of the application and integration of CSS,
- Rewrite *Gesper* from Visual Basic (rich client) to C# and .NET (thin client) for *Total*.
- Implement massive data export from the Oracle Database to Excel.

→ Skills: C#, .NET, HTML, CSS, PL/SQL.

Formations

April 2015	**MongoDB DBA Official Certification**, *MongoDB, Inc.*
	https://university.mongodb.com/exams/verify_certificate - numéro : 497-369-558
Janvier 2015	**MongoDB Developer Official Certification**, *MongoDB, Inc.*
	https://university.mongodb.com/exams/verify_certificate - numéro : 187-063-954
July 2014	**Hadoop Training**, *Zenika via Pivotal*.
	4 days training.
June 2014	**Hibernate Formation**, *Zenika*.
	2 jours training.
March– December 2014	**MongoDB Training**, *Personnel development*.
	M101J, M102, M202 Training from https://university.mongodb.com/
2008–2011	**Diploma in Computer Engineering**, *École Internationale des Sciences du Traitement de l'Information (EISTI)*, Pau (64) and Cergy-Pontoise (95).
	Option Software Engineering
2006–2008	**High School Preparatory Classes**, *High School*, Balma (31).
	Preparatory classes for high scientific school in Mathematics, Physics & Chemistry
2006	**Scientific Baccalaureate**, *High School*, Saint-Orens de Gameville (31), With honours..
	Option Special Mathematics.

Skills

Favorite Technologies

Java/JEE	Practising since 2009.

Frameworks	Spring, Spring-Boot, Spring-Data, Hibernate, XStream, Mockito, Junit, TestNG, AssertJ, Apache Commons.
NoSQL	MongoDB, Couchbase, Elastic.
SQL	MySQL, PostgreSQL, PL/SQL.
BigData	Hadoop.
Other languages	C, C#, Script Shell, Python, HTML5, CSS3, Javascript.
System	GNU/Linux.
Tools	IntelliJ, Docker, Vagrant, Tomcat, Maven, Git, Subversion.
Methodologies	Craftmanship, TDD, Kanban.
Standards	W3C, ECSS, MISRA.

Languages

Anglais	**Fluent**
Espagnol	**Academic**

Meetups & Conferences

- Paris JUG
- Software Craftsmanship Paris
- Paris MongoDB User Group
- Dev4Fun
- Devoxx 2014 & 2015 & 2017
- Docker Paris
- Global Day of CodeRetreat

Programming competitions

Since 2013	**CodinGame**, http://www.codingame.com. Monthly artificial intelligence competitions with Java.
Since 2012	**Google Jam Code**, http://code.google.com/codejam. Global annual algorithmic problem solving competition with Java.
August 2012	**Code of Duty 2**, *Criteo*. Algorithmic problem solving contest with Java. Final result: Top 100 among 2100 participants.
January 2012	**Queue ICPC Challenge**, http://queue.acm.org/icpc/. Articial intelligence tournament with Java. Final Results: 13th out of 53 participants.