



**Claude BRISSON**

**Senior Software and Database Architect**

Centrale Paris applied maths engineer (94)  
Cognitive Sciences postgraduate degree (95)

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## SKILLS

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➤ **Technical Project Management**

- Planning, costing, scheduling.
- On site / remote technical supervision and team management.

➤ **Software and Database Design**

- Software architecture, technical specifications, UML methodology.
- System and database architecture.

➤ **Algorithm engineering**

- Computational data science and data visualization, sound & image processing, machine learning.
- Languages : C/C++, Java, SQL, perl & python, bash, javascript. GNU/Linux system administration.

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## EXPERIENCE

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2009 – 2016	<a href="#">KoDe Software</a> (Paris, remote)	<b>High performance database engine</b> <i>Technical design and architecture in collaboration with computational maths researchers. Lead developer then CTO.</i>	C++/SQL
2008 – 2016	<a href="#">InternetGoSchool.com</a> (Amsterdam, remote)	<b>Interactive Go game online teaching platform</b> <i>Conception &amp; implementation.</i>	Java/C++/Web/SQL
2007 – 2012	<a href="#">Boxtale</a> (Paris, remote)	<b>Online shipping platform</b> <i>CTO. Functional model implementation, recruitment and management of the technical crew, scaling up monitoring.</i>	Java/Perl/Web/SQL
2008 – 2009	Distancewatch (Paris)	<b>e-ergonomy webapp</b> <i>Technical design &amp; implementation.</i>	Java/Web/SQL
2008	<a href="#">DirectStreams</a> (Paris)	<b>VideoOnDemand embedded components</b> <i>Technical design &amp; implementation.</i>	Embedded C++
2007 – 2008	<a href="#">Alliance Radiologie</a> (Paris, remote)	<b>Radiologists shift system management webapp</b> <i>Technical design &amp; implementation.</i>	Java/Web/SQL
2001 – 2007	SavoirWeb (Paris)	<b>e-learning platform</b> <i>CTO. Voice over IP multi-casting, co-browsing, shared white-board.</i>	Java/C++/Web
2000 – 2001	nFactory (Paris)	<b>Specialized content syndication engine</b> <i>Software architect. Web crawlers, rich text parsing, indexing and templating.</i>	Java/C++/Web/SQL
1999	<a href="#">Serac Group</a> (Sarthe)	<b>Control-command interface</b> <i>Software architect. Project management assistance.</i>	Visual C++
1996 – 1998	<a href="#">Dalet</a> (Paris)	<b>Radio stations multimedia platform</b> <i>Software engineer. Constraint solver software, graphical interfaces, database design.</i>	Visual C++/Java/SQL
1994 – 1995	<a href="#">CREA</a> (Paris)	<b>Artificial Vision</b> <i>Postgraduate internship. Wavelets image analysis, active images categorization.</i>	C++

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## INTERESTS

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Open source software ([Apache Velocity](#), [Velosurf](#)), rock climbing, game of Go, improvisational theatre.