



Claude BRISSON – Senior Software and Database Architect

Centrale Paris applied maths engineer (94)

Cognitive Sciences postgraduate degree (95)

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SKILLS

- **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 vizualization, sound & image processing, machine learning.
 - Specification and implementation of APIs, web & mobile apps, micro-services.
 - Languages : C/C++, Java, Kotlin, SQL, shell and web languages. GNU/Linux system administrator.

EXPERIENCE

2020 – 2022	Performance Logiciel (Nantes, remote)	Pricing software for carriers, and microservice framework for carriers data exchange. <i>Software architecture coaching. Technical lead. Software architecture and maintenance.</i>	Kotlin/Java/Web
2019 – 2020	LICA (Marseille)	rtrexperience web application <i>Software architecture coaching. Conception and development of the application canvas.</i>	Java/Web
2018 – 2021	Ravel Technologies (Paris, remote)	Encrypted database <i>Software architecture coaching. SQL engine elaboration.</i>	C++/Java/Kotlin
2018 – 2019	Axonix Partners (Paris, remote)	Semantic engine - Business intelligence solution <i>Technical lead, conception, coding and maintenance.</i>	Java/Web
2016 – 2019	Robotik Technology (Béthune, remote)	Pharmaceutical robots and softwares <i>Software architecture coaching. Medical data handling. Software assets management tools.</i>	C++/SQL/Ansible
2009 – 2016	KoDe Software (Paris, remote)	High performance database engine <i>Technical design and architecture in collaboration with computational maths researchers. Lead developer then CTO.</i>	C++/SQL
2008 – 2021	InternetGoSchool.com (Amsterdam, remote)	Interactive Go game online teaching platform <i>Conception & implementation.</i>	Java/C++/Web/SQL
2007 – 2012	Boxtal (Paris, remote)	Online shipping platform <i>CTO. Functional model implementation, recruitment and management of the technical crew, scaling up monitoring.</i>	Java/Perl/Web/SQL
2008 – 2009	Distancewatch (Paris)	e-ergonomy webapp <i>Technical design & implementation.</i>	Java/Web/SQL
2008	DirectStreams (Paris)	VideoOnDemand embedded components <i>Technical design & implementation.</i>	Embedded C++
2007 – 2021	Alliance Radiologie (Paris, remote)	Radiologists shift system management webapp <i>Technical design & implementation.</i>	Java/Web/SQL
2001 – 2007	SavoirWeb (Paris)	e-learning platform <i>CTO. Voice over IP multi-casting, co-browsing, shared white-board.</i>	Java/C++/Web
2000 – 2001	nFactory (Paris)	Specialized content syndication engine <i>Software architect. Web crawlers, rich text parsing, indexing and templating.</i>	Java/C++/Web/SQL
1999	Serac Group (Sarthe)	Control-command interface <i>Software architect. Project management assistance.</i>	Visual C++
1996 – 1998	Dalet (Paris)	Radio stations multimedia platform <i>Software engineer. Constraint solver software, graphical interfaces, database design.</i>	Visual C++/Java/SQL
1994 – 1995	CREA (Paris)	Artificial Vision <i>Postgraduate internship. Wavelets image analysis, active images categorization.</i>	C++

INTERESTS

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