

Raphaël Berbain
32 rue Rodier
75009 Paris
46 years old

raphael.berbain@gmail.com
+33 6 64 77 49 25
<https://rgbj.me>

Software Architect

Prototyping – design – industrialization
Development methods and structure
Java, Python, Go, SQL – SaaS, Cloud, Containers

Work Experience

Since March 2021

OVHcloud

Paris

- Contribution to the development of the Database as a Service offer.
- Participation to the operation on-call rotation of the solution.
- Integration and stewardship of junior members of the team.
- Collaboration with technical partners: MongoDB, Aiven, ForePaaS.
- Evangelization of Agile techniques inside OVHcloud.

OpenStack – Kubernetes – PostgreSQL – MongoDB – Go – Rust

November 2020 to February 2021

Ubble

Paris

- Contribution to the development of Ubble's strong identification and authentication system.
- Work towards making the solution eIDAS compliant.
- Participation to Ubble's AWS to Outscale cloud migration.
- Developer experience and software delivery pipeline improvements.

*Kubernetes, Flux – PostgreSQL – MongoDB – Python (Django)
Go – Rust – clouds Amazon, Outscale*

March 2018 to January 2020

ANASEN

Nancy, then Paris

- Initial design, architecture and development of Anasen's SaaS application dealing with data visualization and manipulation.
- Primary interface between the functional vision carried by the co-founders and the technical implementation.
- I supported the growth of the technical team from one to ten people.
- Comprehensive software lifecycle management: Planning, development, deployment, operation.

*Kubernetes – PostgreSQL (TimescaleDB, PostGIS), CockroachDB, redis – Python
ReactJS – ANTLR – Google and Azure clouds*

May 2015 to January 2018

DHATIM

Paris

- Architecture and development of Dhatim's Conciliator solution. Conciliator leverages artificial intelligence and machine learning for extraction, classification and prediction purposes in order to provide cost cutting to Procurement, Finance and HR functions.
- Setup of a private cloud platform based on docker containers and the kubernetes orchestrator.

- Industrialization and quality assurance: Source structure, release engineering, continuous integration, packaging, continuous delivery, benchmark and performance, devops.

Kubernetes – PostgreSQL – Java (dropwizard, springboot) – Python – AngularJS – Amazon and Google clouds

July 2007 to April 2015 DICTAO, then MORPHO Paris, then Issy les Moulineaux

(Morpho acquires DICTAO at the end of 2014)

- Design, prototyping and development of on-premises as well as SaaS products and software solutions revolving around digital signature, strong authentication and archiving.
- Discovery, exploration and adoption of new-to-the-organization technologies: maven, AngularJS, gulp, BPM, phabricator, Docker...
- Introduction, formalization and evangelization of good development practices: Source organization, code review, branching strategies, versioning, configuration management, testing, packaging.
- Collaboration with partners and management of subcontractors.

Windows, Linux – Java/J2EE – Web services SOAP, REST – AngularJS, iOS – Android – Kubernetes

July 2002 to June 2007 NETTEST, then ANRITSU Créteil, then Palaiseau

(Anritsu acquires NetTest in 2006)

- Development of embedded software for field test devices targeting telecom protocols: PDH, SDH/SONET, ATM, Ethernet.
- Brought improvements to the development infrastructure and methods: Setup and maintenance of a version control system, of a bug reporting system, of a wiki, and of agile practices.
- I worked as part of a Danish team for a year and a half using English as the working language. During that time, I spent 3 months in Copenhagen.

Windows, Linux – C, C++, Java – CORBA

March to Sept. 2001 (Stage) MONTEREY DESIGN SYSTEMS Sunnyvale, California

- Development of a space / time trade-off algorithm for an ASIC placement and routing application; Work on a highly parallel application.

Solaris, HPUX – C++

Education

- 2001 Computer Science Engineering Degree – INSA de Rennes
- 1998 *Diplôme universitaire de technologie* Degree in Computer Science – IUT de Reims
- 1996 *DEUG A* University degree, major mathematics and physics – faculté des sciences de Reims
- 1994 Baccalauréat série C

Languages

- Fluent in English; I scored 905 out of 990 at the TOEIC in 2001
- Basic skills in German
- I started learning Brazilian Portuguese six months ago

Hobbies and Interests

- I play badminton competitively, as a member of the CPS10 club.
- I dance swing dances: charleston, lindy hop, balboa, blues, tap dance.
- I enjoy reading contemporary literature in English; Authors such as Douglas Coupland or Jasper Fforde.