

## TECHNICAL LEAD - DATA PLATFORM

### PROFESSIONAL EXPERIENCE

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Since June 2015 **Technical Lead - Reporting Data Platform** at **CISCO** in Vancouver, Canada

- Building and operating a **highly available and fault tolerant** reporting **Data Platform** for **Cisco Umbrella** from collection (37 global DCs) to storage (**6 million** events/s streamed at peak, **45 TiB** per day) and analytics using **AWS**.
- Mentoring juniors on designing simple, secure and efficient quality streaming data pipelines.

Since August 2009 **Committer and PMC member on Jackrabbit** at the **Apache Software Foundation**

2011 - 2015 **Senior Software Engineer (Web, Java)** at **SIERRA WIRELESS** in Vancouver, Canada

- **Prototypes** design and implementation for the **CTO Office**.
- Design and implementation of **AIRVANTAGE™ M2M CLOUD PLATFORM** features in an **international** context.

2009 - 2011 **Software Engineer and Open Source expert** at **SIERRA WIRELESS** in Toulouse, France

- **Design** and implementation of a **M2M** plug and play solution for monitoring **ICS** connected to the **AIRVANTAGE™ M2M CLOUD PLATFORM**.

2005 - 2009 **Technical expert, leader and trainer** at **ANYWARE TECHNOLOGIES** in Toulouse, France

- **Product** development, **project management**, **expertise**, training and pre-sales on **AMETYS** (CMS and DMS solutions).
- **Design** and implementation of a **HA** web **SSO** system with load balancing.

### SKILLS

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- Computer languages **Go, Java, Python, Groovy, Bash, JS, C. Gradle, Maven, Makefile. SQL, XML/XSLT.**
- Frameworks **AWS Lambda, Hadoop** (HDFS, M/R, **Spark**), Spring, Quartz. **Junit, Mockito.**
- Datastores **ClickHouse, HBase, AWS (DynamoDB, Athena, S3). MySQL, Oracle, Redis, LMDB, Lucene.**
- Technologies **Kafka** (Streams, Connect, Mirroring, Schema Registry), **AWS (SQS, SNS). Terraform, AWS (EC2, SSM), Docker, Ansible. AWS (LB, Cloudfront, Route53), NGINX, Apache HTTP Server. REST, Avro, LDAP.**
- Software engineering **Agile** (Lean, Kanban, Scrum, XP), **Design Patterns, K.I.S.S., YAGNI.**
- Security **TLS/X.509, AWS (ACM, PCA), OAuth, SSO (Jasig CAS). SOC 2, FedRAMP.**
- Tools **Vim, IntelliJ IDEA, Git, Jenkins, pprof, JProfiler. JIRA, Confluence, Github, Grafana. Nagios, PagerDuty.**
- Operating Systems **GNU/Linux** (Ubuntu, Debian, RHEL, Arch Linux, Slackware). **MacOSX.**
- Languages **French** (native speaker). **English spoken everyday** by living in British Columbia. Basic knowledge of Spanish.

### EDUCATION

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2002 - 2005 **Engineer/Master's** degree from **INSA** of Toulouse, France in **Computer science**

2000 - 2002 **DUT in Computer science** at the **I.U.T. A** of Toulouse, France

### INTERESTS

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- Hobbies: **Technology Intelligence, Open Source contributor**, Woodworking, Movies and TV shows.
- Sports: **Mountain Biking (XC, AM, DH), Ski touring, Hiking.**