

# Xavier Basty-Kjellberg



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## Professional Experience

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### Hexbee

Sep 2019 – Present

Toulouse, France

*Cloud Architect, Software Architect,  
Full-Stack Developer, DevOps*

Design, optimization and security of cloud architecture.  
Infrastructure as Code. Back-end development. Front-end  
development. Team management. Technical Profile Recruitment

### Sanofi

Sep 2019 – Dec 2020

Paris, France

*Technical Lead*

Technical lead on a serverless, GxP validated quality application  
using machine learning to reduce the number of manufacturing  
incidents worldwide.

Technologies used:

Python, Go, NodeJS, Terraform, AWS Lambda, AWS DynamoDB, AWS  
Athena, AWS Neptune, Elasticsearch, NLP, Docker, AWS Fargate

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### D2SI

Jan 2019 - Aug 2019

Toulouse, France

*DevOps, Architect & Cloud Expert*

### Sigfox Operations

Jun 2019 - Aug 2019

Toulouse, France

*Cloud Expert / System Architect*

Application architect and developer on Sigfox Ops customer portal  
application.

Helped to optimize and secure cloud utilization.

Technologies used:

NodeJS, React/Redux, Terraform, AWS Lambda, AWS DynamoDB,  
AWS Redshift, Elasticsearch

### Airbus Commercial Aircraft

Jan 2019 - Aug 2019

Toulouse, France

*Cloud and DevOps expert*

Helped the “Cloud as a Service” team to adopt devops practices and  
implemented custom compliance and automatization tooling.

Technologies used:

Python, Jenkins, Cloudbees Core, AWS EKS, Kubernetes, OpenShift

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**Continental AG**

Intelligent Transportation  
Systems

Aug 2017 - Dec 2018

Toulouse, France

*Big Data Architect /*

*DevOps Tech Lead*

Worked on the architecture and implementation of data consolidation for the creation of dynamic high-definition maps used in autonomous driving and advanced driver assistance systems.

Lead for the CI/CD and DevOps practices and the global coordination of the automatization effort.

Technologies used:

Scala (Spark), Kinesis, Erlang, Go, Docker, Kubernetes, Terraform, kOps, Jenkins, Spinnaker, AWS

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**Diabol AB**

Sep 2015 - Jun 2017

Stockholm, Sweden

*Continuous Delivery Expert*

Helped customers improve their development process and facilitate a move to a CI/CD process at the company level.

**Ericsson AB**

Jul 2016 - Jun 2017

Stockholm, Sweden

*System Test Architect*

Architecture and tooling for Ericsson's CSCF component system tests.

Technologies used:

Java, Perl, AWS

**Mapsiot AB**

May 2016 - Jun 2016

Stockholm, Sweden

*Cloud Architect*

Redesigned the architecture of Mapiot's EE7 application for more flexibility and better scalability, moved to Amazon AWS and made best use of the available managed applications there.

Technologies used:

PostgreSQL, DynamoDB, AWS Lambda, RDS, EC2

**Leica Geosystems**

Sep 2015 - Apr 2016

Stockholm, Sweden

*Developer*

Part of the team responsible for building the Leica ConX tools for topographical survey, construction machines tracking and remote control of field equipment.

Implemented services and equipment integrations, helped Leica refine its development process.

<https://icontelematics.com>

Technologies used:

Python, Django, Celery, MySQL, Cassandra, KairosDB, Go, AWS

**Abdona**

Sep 2015

Stockholm, Sweden

*Cloud Architect*

Migrated a Glassfish Java EE application to AWS cloud. Responsible for design and implementation of the complete infrastructure, including networking. Introduced infrastructure as code and automation. Build infrastructure was also migrated.

Technologies used:

Java, Glassfish, MySQL, Jenkins, Nexus, Terraform, Puppet, AWS

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## **Schibsted**

Destination.se

Jul 2012 - Jun 2015

Stockholm, Sweden

*Chief Technology Officer*

Led the development team consisting of 5 developer. With the help of Ansible and Jenkins, changed the way the company worked from sprint-based releases to continuous delivery where it was common to deploy several times a day as soon as a feature was ready for production. A major challenge was to change the architecture for the technical platform from a monolithic application to a distributed system based on micro services that were significantly more fault resilient and easier to change and update without risk of downtime.

<https://www.destination.se>

Technologies used:

Scala, Play, Akka, Ruby on Rails, Backbone.js, Angular, RabbitMQ, SOLR, PostgreSQL, Redis, Git, Jenkins, Ansible, AWS, Nginx, SBT, Varnish, AWS

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## **Creuna**

Sep 2008 - Jun 2012

Stockholm, Sweden

*Senior Developer /  
System Architect*

Lead developer and architect on various projects ranging from advertising sites to comprehensive online services for large companies such as Arla, H&M, Swedish Match.

Technologies used:

C#, PHP, Python, Java, EPiServer, ASP.Net, SQL Server, CodeIgniter

## **Arla Foods**

Jan 2012 - Jun 2012

Stockholm, Sweden

*Lead Developer / System Architect*

## **Arla.se - Recipe API**

Responsible for Arla's new recipes API and internal editing tools Arla uses to create and publish recipes on their sites and apps.

Technologies used:

C#, EPiServer, SiteSeeker

## **Visit Stockholm**

Sep 2011 - Dec 2011

Stockholm, Sweden

*Lead Developer / System Architect*

## **Meeting Planner**

Architect for the "Venue Finder" tool which helps searching for conference facilities in the Stockholm area.

<https://meetingplanner.visitstockholm.com>

Technologies used:

C#, EPiServer

## **H&M**

May 2011

Stockholm, Sweden

*Lead Developer*

Concept and implementation of the Divided Grey collection promotional campaign site where H&M had organized a photo contest.

Technologies used:

PHP, CodeIgniter

## Swedish Match

Jun 2009 - Apr 2011

Stockholm, Sweden

*Lead Developer / System Architect*

Architecture and implementation of the customer portal where resellers can choose and order from the entire Swedish Match's product catalog, follow their sales, compare their results with nearby stores, and receive help from various sales tools. The site was integrated with various internal applications from Swedish Match.

<https://kund.swedishmatch.com/>

Technologies used:

C#, EPiServer, SQL Server

## Folkhälsan

Jan 2009 - May 2009

Stockholm, Sweden

*Developer*

Implemented health forums and various parts of the Finnish public health site <https://www.folkhalsan.fi>.

Technologies used:

C#, EPiServer

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## Check Point Software Technologies

Jan 2007 - Aug 2008

Stockholm, Sweden

*Developer*

Worked with the Full Disk Encryption product and was responsible for developing a Web-based version of the enterprise management tool. This tool, used in conjunction with Check Point's encryption system, empowered individual users to manage and recover their data without support from IT departments.

Technologies used:

C#, Managed C++, ASP.Net

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## Coca-Cola Enterprises Sweden

Aug 2002 - Dec 2006

Stockholm, Sweden

*Developer / System Analyst*

Responsible for the development of tools to allow the sales force to place orders and use marketing materials in the field with limited connectivity. Also took care of the implementation of various integrations with Coca-Cola's in-house systems running on IBM AS400.

Technologies used:

C++, C#, AS400, Oracle Server, Oracle Data Warehouse

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## CIO Systèmes Embarqués

Sep 1997 - Nov 2001

St Etienne, France

*Embedded Software Developer*

Worked with embedded real-time systems in the aeronautical, automotive and military industries. The projects included the programming of robotic assembly lines, subsystems for satellites, etc.

Technologies used:

x86/68K Assembly, C, C++, Sequential function chart, OS-9

# Employments Summary

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2019 – present	Hexbee	Cloud Architect, System Architect, Full Stack Developer, DevOps
2019 – 2019	D2SI	DevOps, Architecture & Big Data Accelerator
2018 – 2019	Continental	Big Data Architect / DevOps Lead
2015 – 2017	Diabol	DevOps Expert / Developer
2012 – 2015	Schibsted – Destination.se	Chief Technology Officer
2008 – 2012	Creuna	System Architect / Senior Web Developer
2007 – 2008	Check Point Software Technologies	Developer
2002 – 2006	Coca-Cola Enterprises Sverige	Developer / System Analyst
1997 – 2001	CIO Systèmes Embarqués	Embedded Software Developer

# Certifications

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2021 [AWS Certified Solutions Architect – Associate](#)



# Education

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2001 MSc, Artificial Intelligence & Robotics, I.M.E.R.I.R. (France)

# Languages

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French	Native language
English	Fluent (spoken and written)
Swedish	Fluent (spoken and written)