Xavier Basty-Kjellberg

linkedin.com/in/xbasty

github.com/xav

xavier@hexbee.net

+33 (0)7 56 81 23 10

Professional Experience

Hexbee
Sep 2019 - Present
Toulouse, France
Freelance Architect

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

SkySoft ATM
Mar 2021 - Present
Geneva, Switzerland
Architect, Technical Lead, Head of IT

Responsible for the restructuration and rationalization of the IT department and for the management of the IT budget.
Responsible for the internal cloud platform used by SkySoft's development teams.
Architect and developer on an application used to validate next-gen ATM systems for the European market.
Technical lead on a cooperation project with the Civil Aviation Authority of Singapore.

Technologies used
Go, NodeJS, Docker, Kubernetes, ArgoCD, Terraform, Google Cloud Platform (GCP)

Sanofi
Dec 2020 - Present
Paris, France
Technical Lead

Technical lead on a serverless, GxP validated quality application using machine learning to reduce the number of manufacturing incidents worldwide.
Improved performances and reliability by rearchitecting the way data is handled, removing bottlenecks and failure points.

Technologies used
Python, Go, NodeJS, Terraform, AWS Lambda, AWS DynamoDB, AWS Athena, AWS Neptune, Elasticsearch, NLP

D2SI
Jan 2019 - Aug 2019
Toulouse, France
DevOps, Architect &
Cloud Expert

Sigfox Operations
Jun 2019 - Aug 2019
Cloud expert / System Architect

Application architect and developer on Sigfox Ops customer portal application.
Optimized cloud architecture to improve performances.
Enhanced cloud platform and application security.

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

Airbus Commercial Aircraft
Jan 2019 - Aug 2019
Cloud and DevOps expert

Helped the CaaS team to adopt devops practices and implemented custom compliance and automatization tooling.

Technologies used
Python, Jenkins, Cloudbees Core, AWS EKS, OpenShift

Continental
Intelligent   Transportation Systems
Aug 2017 - Dec 2018
Toulouse, France
Big Data Architect / DevOps Tech Lead

Worked on the architecture and implementation of a highly distributed application handling 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, Jenkins, Spinnaker, AWS

Diabol
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.
Cloud solutions architect.

Ericsson AB
Jul 2016 - Jun 2017
System Test Architect

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

Technologies used
Java, Perl, AWS

Mapsiot AB
May 2016 - Jun 2016
Cloud Architect

Redesigned the architecture of Mapsiot'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
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, Golang, AWS

Abdona
Sep 2015
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

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

Creuna
Sep 2008 - Jun 2012
Senior Developer / 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
Lead developer / 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
Lead developer / 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
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
Lead developer / 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
Developer

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

Technologies used
C#, EPiServer

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

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

CIO Systèmes Embarqués
Sep 1997 - Nov 2001
St Etienne, France
Embedded system 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

2019 - present	**Hexbee**	Freelance architect
2019 - 2019	**D2SI**	DevOps, Architecture & BigData Expert
2018 - 2019	**Continental**	Big Data Architect / DevOps Tech Lead
2015 - 2017	**Diabol**	Continuous delivery consultant
2012 - 2015	**Schibsted**	Destination.se Chief Technology Officer
2008 - 2012	**Creuna**	Senior Web Developer / Architect
2007 - 2008	**Check Point Software Technologies**	Developer
2002 - 2006	**Coca-Cola Enterprises Sverige**	Developer / System analyst
1997 - 2001	**CIO Systèmes Embarqués**	Embedded system developer

Education

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

Certifications

Amazon Web Services Certified Solution Architect - Associate level

amazon web services | Certified
Solutions Architect - Associate

https://www.youracclaim.com/badges/3b5beb51-8330-427a-893b-71e07231e5bd

Languages

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