Aurélien CERVEAUX

34 years old – Driver License
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DevOps Engineer

EDUCATION

2012-2013   **Information Technology Expert Engineer's Degree**
Bordeaux - France   Ynov Campus

2009-2010   **Two Year Technical Degree in Networking Administration**
Bordeaux - France   Gustave Eiffel High School

2007-2008   **High School Diploma - Information Technology**
Merignac - France   Fernand Daguin High School

Languages: *French:* Native
                 English: Advanced *(TOEIC 800 Points)*
                 Spanish: Intermediate
                 Japanese: Elementary

EXPERIENCES

January 2024 from Today   **Sopra Banking Software /** *Bordeaux - France (Working Fully Remotely)*

Sopra Banking Software achieved October in January 2024 to extend its financial services.

Working as a DevOps Engineer:
Migrate all the infrastructure on AWS fully automated with IaC.
Secure the Infrastructure platform.
Helps developers working on local environments.
Integrate Datadog for Monitoring, Logging, Tracing, ...
Automate CI-CD with Github Actions.

Technologies: Heroku, AWS, Docker, Github Actions, Terraform, Terragrunt, Datadog, MongoDB, ...
AWS Services Involved: EC2, Elastic Beanstalk, Lambda, S3, DynamoDB, CloudFormation, VPC, Systems Manager, Secrets Manager, SQS, CloudWatch, Amazon EventBridge, ECS, IAM, KMS, Cost Explorer, CloudTrail, ACM, ...

October 2022 from January 2024   **October /** *Bordeaux - France (Worked Fully Remotely)*

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June 2019 from Today   **Betclic Group /** *Bordeaux - France (Worked Mostly Remotely)*

SRE Team:
Working specifically on AWS Cloud parts
Terraform modules developments.

AWS Architecture Team:
Developments and improvements on existing and future AWS projects
Developments and maintainability on AWS Landing Zone
Provide support to the other teams.

AWS Services involved : EC2, Lambda, AWS Config, S3, Athena, DynamoDB, CodePipeline, CodeBuild, CodeDeploy, CloudFormation, VPC, Systems Manager, SNS, SQS, CloudWatch, Amazon EventBridge, ECS, IAM, KMS, Cost Explorer, CloudTrail, ACM, ...
Terraform modules development

IT Refactoring/Components Team :
Developments and improvements on existing monolithic applications (.NET Framework)
Developments on micro-services (.NET Core, Docker)
.NET Framework and .NET Core Migration
Developments, improvements and maintenance of internal libraries (.NET Framework, .NET Core)
Developments and deployment of Kong API Gateway with several custom plugins (Lua, Kong API Gateway, Docker, Postman)
Developments, improvements and maintenance of internal Event bus system, fallback system and backup system on AWS (Cloudformation, SNS, SQS, Lambda, S3, Kinesis, Python, NodeJS)
Training for AWS Certified Developer Associate
Datadog deployments and support to the other teams (Ansible, Python, Datadog)

November 2017 to June 2019   Emil Frey Motors France / *Chasseneuil-du-Poitou (Poitiers) - France*

Digital Marketing Team: Resumption of an Internal CRM project as a technical leader. Reconciliation customers project with several input data sources. Migration of infrastructure. (Talend DI, Talend ESB, Kafka, Elastic Search, PostgreSQL, SQL Server, Oracle). Implementation of a new BI project with support for the Talend part. Front End part under QlikSense managed by a provider (Talend DI, SQL Server, QlikSense). Participation in the establishment of the
stock management for Autosphere.be Web site. Integration of the vehicle repository through Talend to generate necessary inputs for integration into a PIM (Talend DI, Akeneo).
Training done during the period: Talend DI, Talend MDM, Php / Symfony 4, ElasticSearch

September 2017 to November 2017   IREC Ticketing Technology / *Jaunay-Marigny (Poitiers) - France*

GAT Team: .Net Developer on the online ticket management solution. Bug fixes, development of new features and performance optimizations on the Puy du Fou booking site (C # 5 - ASP NET MVC 5)

September 2015 to August 2017   Cdiscount / *Bacalan (Bordeaux) - France*

Services Team: Analysis and developments on the Services part within Cdiscount.
Referent on the Products and Prices part. Code reviews and validation of designs from other technical teams. (C #, SQL, WCF)
Technical leader and support to external development teams in India.
Task Force Performance (since October 2016): Team in charge of improving the overall performance of the PC Web Site (in priority) and other Cdiscount Applications as well as the user's perception. Targeting on multiple optimization tracks.

June 2012 to August 2015   CGI, Information and Communication Technologies / *Le Haillan - France*

Cdiscount (customer mission): Services team. Developments on the provision of data on different front ends and applications. Developments and integration into Drools rule engine services, related to the arrival of internationalization. Developments in the integration of promotions and sales on the Go Sport website (C #, JavaScript, T-SQL, SQL Server, MongoDB, Solr, Exalead, WCF, ElasticSearch, Quartz Scheduler, Drools, Ubuntu)
Astrium - Astrium Inside Project: Astrium Inside internal website developed on SharePoint 2010. Integration of HTML and CSS layouts and developments on the pages of the site. (HTML, CSS, ASP.net) Web Part Development.
Total - Petroweb Project: Project allowing, with the help of a web site developed in ASP.net, the follow-up and the downloading of periodicals Total. Development of evolutions on the addition of a new periodical and the downloading of existing periodicals using scripts. Integration of technical and functional logs using log4net. (C #, ASP.net, HTML, CSS, SQL)
Cdiscount Mobility Project: Cdiscount e-commerce site suitable for Ipad and Samsung Galaxy Tab tablets. Developments, fixes and changes on the front side of the mobile site. Corrections on the Order Process part (payment part of the Cdiscount site). (C #, ASP.net MVC 2, HTML, CSS, JavaScript)

January 2012 to October 2013   Microsoft, Microsoft Student Partner / *Paris - France*

Active member of Microsoft Students Partners France. Participation in various Microsoft events and competitions: Imagine Cup, Windows Phone and Game Design Microsoft Hackathon, App'Hero contest, BeMyApp Open Data Hackathon, Microsoft Techdays. Responsible for the organization and intermediary in exchanges with Microsoft for the App Hero competition set up at the Ingésup Bordeaux School. Participation in the 2013 Casual Games Cup.

December 2011 to May 2012   Ingésup Bordeaux, Student Project / *Bordeaux - France*

Participation in the Imagine Cup Open Data section with the Access City project allowing people with disabilities to consult and share their opinion on the various establishments in the city of Bordeaux, via Windows Phone or website.
Top 5 French finals. (C #, T-SQL, MVC 2 ASP.net, Visual Studio 2010, SQL Server)

September 2011 to May 2012   **(Apprenticeship) TikiMove, Mobile Domain /** *Cenon - France*

Development of Iphone (Objective-C) Mobile Applications, Windows Phone (C #, Xaml), BackOffice Development of Iphone Applications (Python, Django, Html, Css)

June to August 2011   **(Internship) Thalès Avionics, Aeronautics Domain /** *Merignac - France*

Realization of a dictionary of breakdowns for visualization PDU68 for Airbus A380 in VB6. Getting started and writing the use of the TopByte tool allowing the analysis of error files for different types of visualization (VB6)

December 2010 to May 2011   **Ingésup Bordeaux, Student Project /** *Bordeaux - France*

Participation in the Imagine Cup 2011 Game Design section with the Gravity World project on Windows Phone. Selected from the 5 French teams selected and participation in the Bootcamp Imagine Cup Microsoft.
Top 5 French finals and qualification at Round 2 International. (C #, XNA, Visual Studio 2010)

February to April 2010   **(Internship) Service de l'Information Aéronautique (SIA), Aeronautics Domain /** *Merignac - France*

Realizations and research, documentations, and manipulations, with the aim of the installation of a reverse proxy under Linux (Ubuntu, Squid)

May to June 2009   **(Internship) Direction de l'Aviation Civile Sud Ouest (DAC/SO), Secteur Aéronautique /** *Merignac - France*

Creation of a multiplexing card management interface allowing radio transmissions between aircraft around the Mérignac Airport and the Southwest Region (VB6)

CERTIFICATIONS

AWS Certified Developer Associate

TOEIC (800 pts)

Advanced Cyber Graduate Riot

INTERESTS

Interests: AWS Cloud, Technology, Videos Games, Sports