

AJMAL DOOKHAN

.NET C#, C, ANGULAR DEVELOPER

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SUMMARY

- ☐ 12 years software development experience
- ☐ 5 years' experience in Angular
- ☐ Excellent knowledge of .NET environment, performance tuning and parallel programming
- ☐ Good knowledge of C, Micro-python for use on embedded solutions
- ☐ Good knowledge of Service Oriented Architecture and interested with Domain Driven Design
- ☐ Hands-on experience with ASP.NET Framework, [ASP.net](#) CORE
- ☐ Experience with WinForms, WPF, Windows Services, MFC
- ☐ Experience with authentication systems (open id connect, JWT, saml2)
- ☐ Experience with middleware and back-end systems

TECHNICAL SKILLS

Technologies

Object Oriented Languages	C, C#, TypeScript, Python
Web technologies	HTML CSS, ,Angular
Desktop	Winforms, WPF
OS	Windows Server, OSX, Unix
Web Services, communication	WCF, Rest, gRPC, soap, SignalR, Web sockets
Application/Web Servers	Windows services,Registry IIS, kestrel,nginx
Databases	SQL Server, Oracle, PostGres
Testing	XUNIT, Visual Studio Unit Test
Query languages	SQL, T-SQL, NoSQL

PROJECTS

I developed allersense.com, a web application which is in it's beta testing phase, intended to be used by both the public and professionals in the food industry, generating more than 200 visits a day.

The technologies used are:

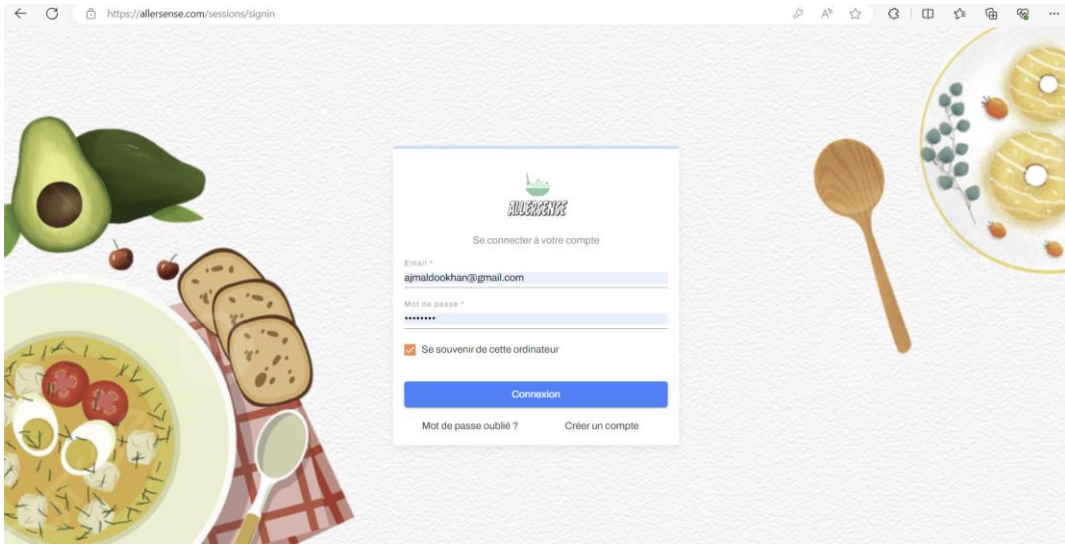
The back-end is built on top of C#, Entity framework, Automapper, Linq, Jwt, IP rate limit, web hooks, payment apis, MySQL database

Angular with Material, schematics, custom pipes and directives, Rxjs, reactive forms, custom validators

Deployed on Nginx which runs on Linux.

Below are some screenshots of the different screens.

You can check it out on: <https://allersense.com>





ALLERSENSE



Ajmal



Menu



Mon établissement



Menus





Plats



Gestion de vos restaurants

Ajouter

L'ajout de plusieurs établissements sera disponible dans une prochaine version

Siret	Nom	Numéro de rue	Rue	Code Postal	Ville	Type Etablissement	Action
79788286700048	Le Roi du Burger	6	Rue du Commerce	34000	MONTPELLIER	GrillSteakHouse	 

Votre avis compte

Soutenez le projet 

Développé par Ajmal



ALLERSENSE



Ajmal



Menu



Mon établissement



Menus






Plats



Gestion de vos menus

Ajouter Menu

Nom	Description	Action	Générer le tableau des allergènes
Le Montagnard	Une viande de bœuf 150g	 	
			<p>Générer le tableau des allergènes</p>

Votre avis compte

Soutenez le projet ❤️

Développé par Ajmal



ALLERSENSE



Ajmal



Menu



Mon établissement



Menus



Plats



Gestion de vos plats et allergies

Ajouter

Nom *

Cheese Burger

Ménus* ☒ Le Montagnard

Catégorie *

Plat

Allergènes

- ☐ Arachides ☒ Blé ☐ Moutarde ☐ Graines de sésame
- ☐ Lait ☐ Oeufs ☐ Poissons ☒ Crustacées
- ☐ Mollusques ☐ Soja ☐ Gluten ☐ Sulfites ☐ Célééri
- ☐ Fruits à coques

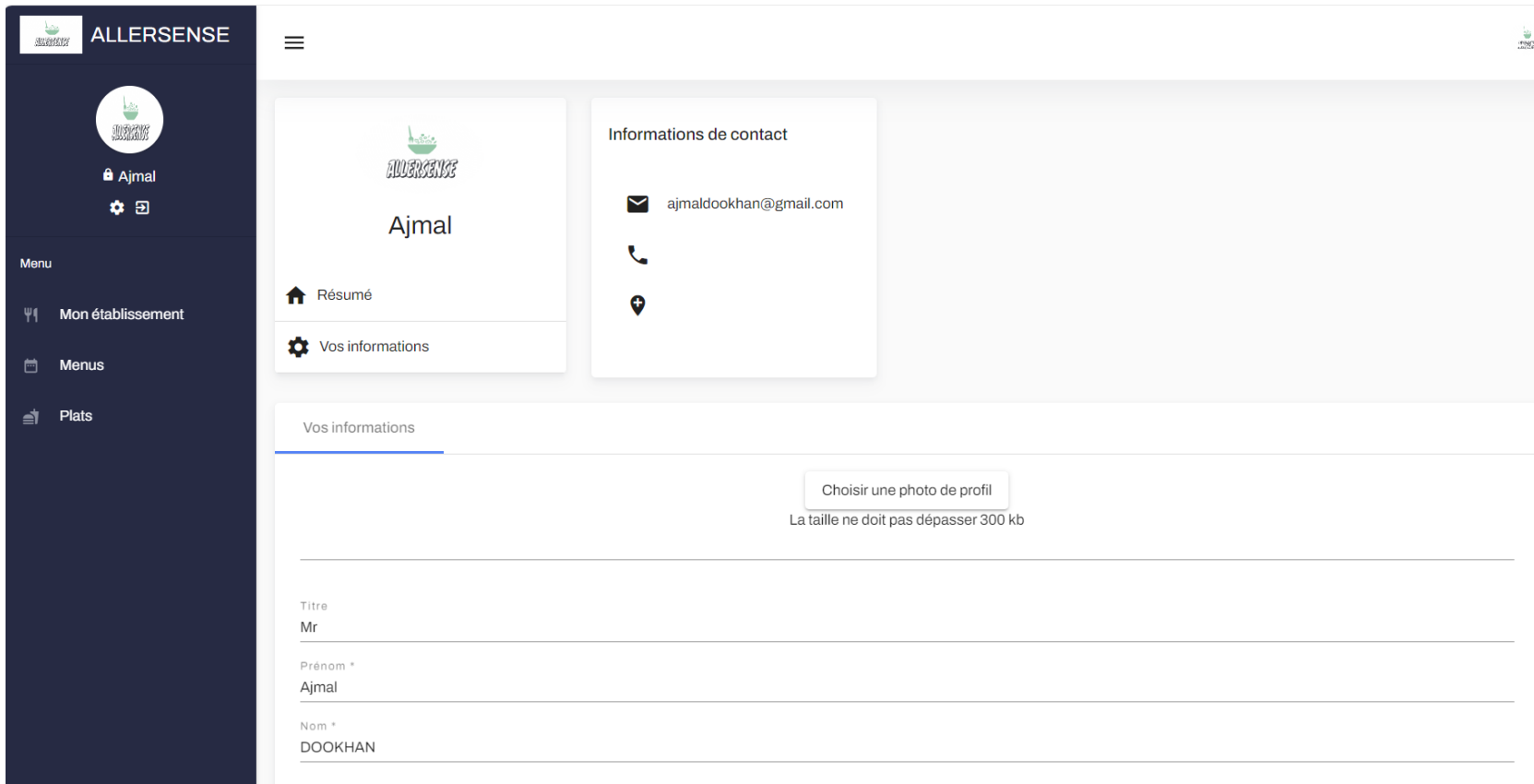
Sauvegarder

Annuler

Votre avis compte

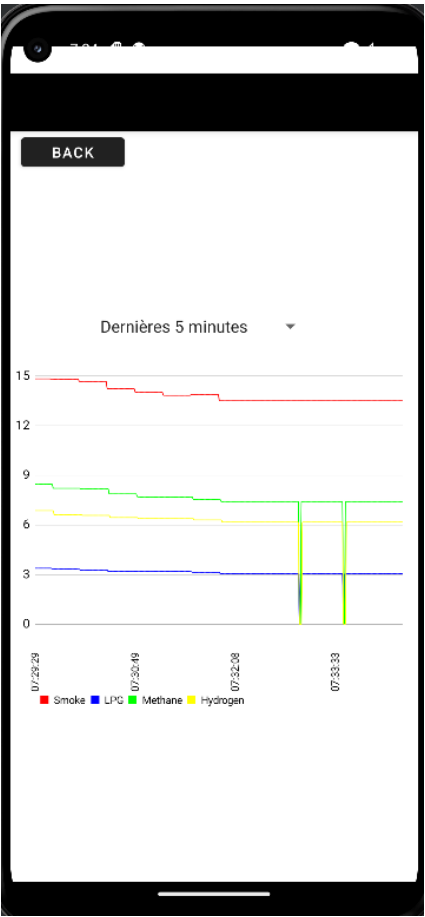
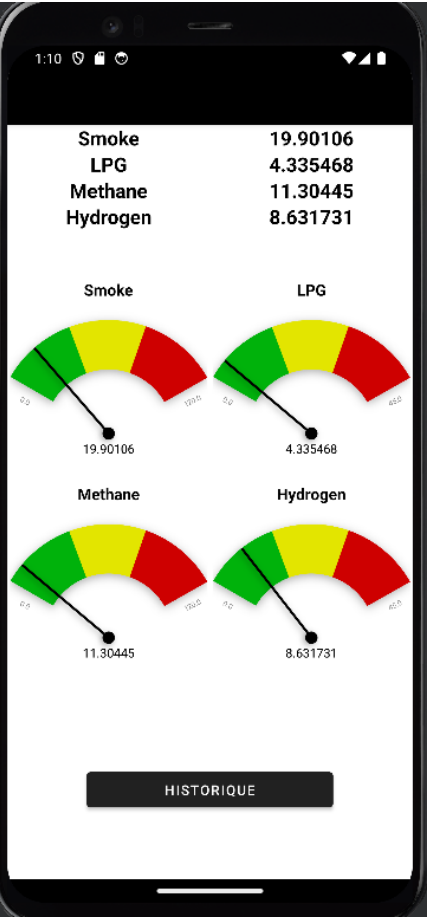
Soutenez le projet ❤️

Développé par Ajmal



Development of a real-time, wireless based IOT solution to measure concentration of volatile gases for use in monitoring the different parts of a renewable gas transformation and distribution system.

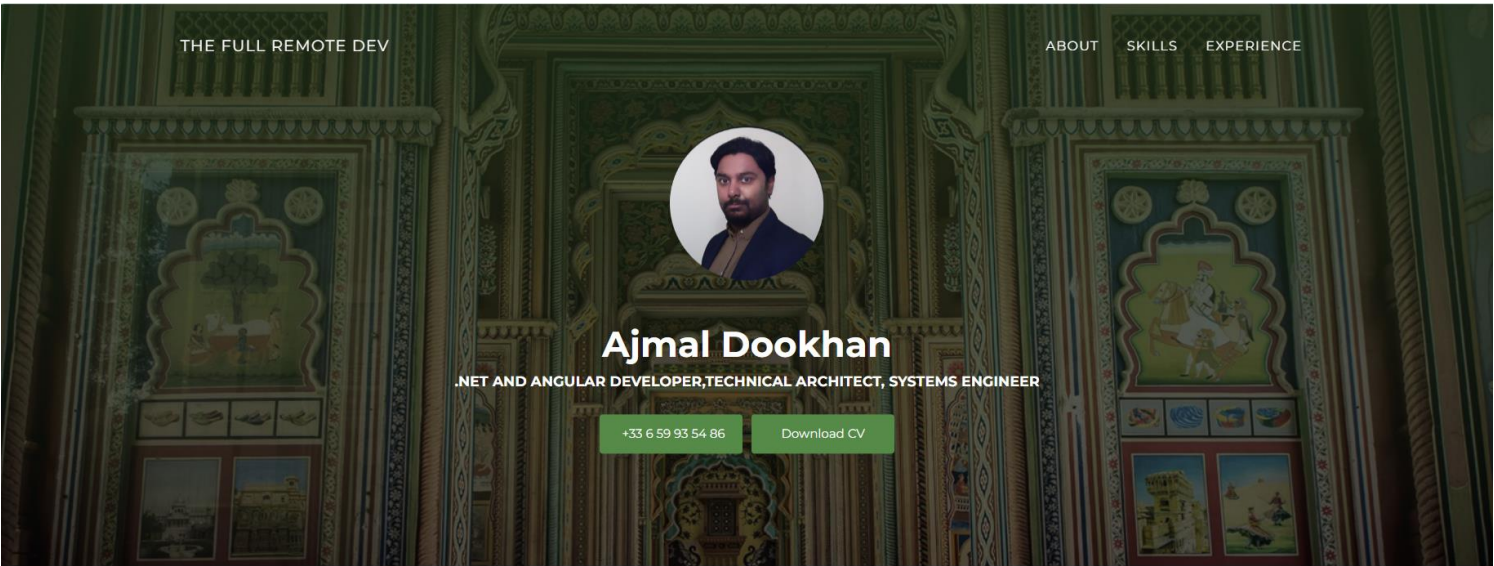
The technologies used were RaspberryPI, LoraWan, MicroPython, C#, Kotlin



My personal website built on top of Bootstrap, CSS, HTML and deployed on Nginx

<http://dotnetangular.com>

<http://fullremotedev.com>



About

Hello! I am Ajmal Dookhan, a full stack web developer with experience in C# and Angular

Basic Information

AGE: 40
EMAIL: aimaldookhan@gmail.com

WORK EXPERIENCE

Freelance C#, Angular Developer

From September 2019 to today

Working on different freelance fixed costs projects for french as well as international clients, on a range of technologies, including .NET, Angular, Python, Azure DevOps.

Projects

1) Development of a plagiarism detection functionality for a e-learning company

- a. .NET Back-end (Domain Driven design, CQRS)
- b. Angular Front-end (librairies, schematics, custom librairies...)
- c. CI/CD with Octopus Deploy, use of Tags

2) Audit of DevOPS for a computer assisted surgery company

- a. Auditing the CI/CD of a medical device software based on C++, Qt which is built for MacOS, Windows and Android Based Systems
- b. Branching strategies
- c. Optimising the Pipelines and test coverage
- d. Scripting with Python and Powershell
- e. Azure DevOPS API

3) Development of a Remote health monitoring system

- a. Development of a patient monitoring system
- b. Implemented registration system for doctors in France which is
- c. Implementation of oidc and JWT
- d. Implementation of Angular Material to display dashboards and other different screen functionalities
- e. Using Powershell to automate some maintenance and build tasks for a Windows server
- f. Learn how communication with social security and other health services is implemented

4) Development of a fault modelling system for a Oil and Gas Services company

- a. Development of a fault modelling api in .NET which communicates with and fetch results from a cosmos db database deployed on Azure.
- b. Development of the front-end in Angular which communicates with the api
- c. Implementation of WebRTC and librairies to display the faults in 3D
- d. Implementation of unit tests with xunit
- e. Implementation of integration tests with python
- f. Optimising pipelines based on yaml and powershell

5) Other Projects

- a. Development of a front-end application based on Angular 11 for an oil and gas company to manage printshops
- b. Development of a Remetrica Plugin for an insurance company in C# and winforms
- c. Development of 2 microservices for a Transport company in C#, RabbitMQ
- d. Development of a platform in Asp.net MVC to test analog and digital water meters, with statistical formulas and graphs.

Integration Project Manager

CrossKnowledge, FRANCE

From March 2019 to August 2019

CrossKnowledge partners with large corporations to provide digital learning solutions that enable the success of individuals, teams and organizations through skills acquisition. We deliver Integrated Learning Experiences to help your workforce acquire the skills they need to succeed. Working with parent company Wiley, my main goals are :

- 1) Developing a strategy to address the complex integration issues between the information systems of CrossKnowledge and it's clients
- 2) Communicating with IT,HR and E-Learning departments inside big french companies like Alstom,Suez,Peugeot,Verallia and others to look into, characterise and properly define their integration requirements
- 3) Supervising the integration of CrossKnowledge Learning System with third party e-learning platforms like CornerStone

- 4) Integrating with other third party vendors through SSO like SAML2
- 5) Project Management, debugging of web services, consulting and auditing tasks.
- 6) Designed a C# app and used Azure AD authentication.

Technologies : SQL, Php, Bash Scripting, Web services, C#

.NET Software Engineer

TICKETLIVE, FRANCE

From July 2017 to December 2018

TICK&LIVE develops ticketing solutions to meet the needs of professionals in the world of live entertainment, sports and events. The company is a subsidiary of France Billet and Fimalac.

France Billet, a subsidiary of FNAC, is the leading ticket distribution network in France, with nearly 14 million tickets sold per year, a network of +1,200 physical points of sale, the leading websites fnacspectacles.com and francebillet.com as well as +7,500 partner websites and a network of + 6,500 CE partners.

Fimalac became in a few years the French leader in Entertainment with strong positions in the production of shows (Gilbert Coullier Productions, Auguri Productions, K-WET Production) and the management of theaters (Hall Pleyel, Salles Vega, The Comedia, The Silo ...).

I work as a consultant on Datasport which is a Sport-oriented solution used by many major french football, leagues and Federations, Sports Clubs, Sports Event Organizers, Stadiums and Arenas.

Datasport is a web application written in Asp.net,C#, running in IIS on top of Oracle 11g and PLSQL procedures. The solution has a lot of functionalities, like Orders, Distance Selling, Tools, Visualisation (stadium and arena plans), real-time access control. It communicates with many external partners through web services like Rest, SOAP, Socket technology. My main area of expertise lies in the design and maintenance of the real-time access control system which is used by more than 30 stadiums and arenas all across France. Hence I often communicate with external partners involved in access control at Stadiums and Arenas, to ensure the proper communication between our different systems. I also work on a customer facing web site used by more than 30,000 internet users around France, who used the system to buy tickets for events online. I intervene in the maintenance and in the development of new functionalities like the RGPD which is the "*Règlement général sur la protection des données*".

Technologies : C#, WCF, Web Services, Javascript, Oracle, PL SQL

From July 2017 to April 2018

Lead Developer on 3 different tools for the insurance branch of the bank which handles over 1.9 million clients and manages over 856 millions euros in premiums across whole France.

The tools handle multi-asset life insurance products by a wide range of financial instruments including UCITS, to enable people to invest in the financial markets over the long term in return for a certain risk taking.

1) Commissions payment system

This system handles all the commissions which are paid to intermediaries which sell financial products which have been designed and developed by the bank.

I was in charge of ensuring that the payments are paid in a timely manner, and of correcting all bugs which may lead to discrepancies in the payments. The monthly payments which are handled are in the range of 20-30 millions euros.

I ensured the proper delivery of monthly financial reports and dashboards which give critical performance indicators on each bank in the bank's network, around 40 of them.

Technologies : VB.net, SQL Server, XML, ISO 20022

2) Actuarial Information system

This is a critical tool used by the actuarial department.

Used by different kind of professionals including doctors which help in the decision making process. Different kinds of forms are generated including medical questionnaires, loans, letters etc. I lead the migration of the system from Access to SQL server 2012 which was successfully adopted by the users.

I conducted an audit beforehand and ensured that the migration was conducted in a timely manner.

Technologies : VB.net, SQL Server

3) Insurance premiums payment system

This tool handles daily payments to another intermediary in the bank's network.

I designed the automation of the system and the timely delivery of the financial reports.

Technologies : C#, Sql server, XML, RDLC, ado.net,ISO 20022

.NET Architect

Mauritius

Duration: 3 months.

From March 2017 to June 2017

Technologies . C#, ASP.net Core, HTML, JQuery, Ajax, WEBAPI, Transact-SQL,SQL Server 2012, IIS8

Within the IT team, development and support of a digital resource management solution for a French group based in Mauritius that manages projects for large accounts based in France and the United States. The tool enables users to manage the growing volume of their company's digital assets, reducing search time, leveraging branded resources, and improving service efficiency and productivity.

- Increased competence on the tool and its functionalities such as the management of the central repository, the management of metadata and intelligent catalogs, forms and advanced research among others.
- Tool administration, user rights management, configuration, customizations etc.
- Design of a digital resource logging application on asp.net integrated into the main application.
- Development on Asp.net Core using best practices (dependency injection, asynchronous programming etc.)
- Maintenance and creation of new stored procedures on SQL Server 2012.
- Front-end development on HTML, BootStrap, CSS, JQuery.
- Used PowerShell to facilitate searches, automate tasks, and improve application management.
- Deployment and monitoring on IIS.

.NET Full Stack Developer

Mauritius

Duration : 4 years

Period : February 2013 - February 2017

Technologies: .NET, SQL Server, OBIEE

Méthodologies : SDLC, V-cycle, Agile

Client context: I worked as a .NET Full Stack Developer on a variety of projects related to .NET and BI technologies, web and desktop client solutions, on different projects for different clients. Tracking projects from presale to completion.

6 months assignment for a company which specialises in fintech

- Involved in the design of 2 web applications for the management of investment funds
- Development of a front-end application for portfolio simulation, with HTML5, BootStrap, AngularJS in client-side MVC, with the use of TypeScript services and templates. The data for the simulation was retrieved from a financial expert who ensured the daily generation of CSV files containing financial data. Integration of this data through SSIS packages on a SQL server basis.
- Development of a web project in ASP.net MVC with WebAPI, Bootstrap, javascript, Ajax and Entity Framework 7 using the Abstract Factory as a design template. Integration and use of several technologies like AutoMapper among others, libraries like DocumentManager to write on pdf documents with integration of features like the sending of emails. Integration of system functions. The MVVM model design was adopted with different Visual studio projects on a single solution following a multi-layer model: - Presentation-Business-Service-Data.

2 months contract for a start-up in the smart health sector

- Provide support services for a multilingual multi-country application provider and Agile-based development teams.
- First point of contact for a team of 40 beta testers from different countries
- Interact with testers and other IT staff to filter, recommend solutions, and / or troubleshoot the application.
- Liaise with the R & D departments of companies that are pioneers in the Smart Gadgets industry.
- Coordination with the spectrometry team at Consumer Physics
- Analyze Bugs, Issues, and Beta Monitoring on Crashlytics and AppSee Mobile Platforms
- Determine the cause of the problems and coordinate with the Development team and other stakeholders to resolve these issues
- Analyze the testers' comments and consolidate exams from different sources
- Provide recommendations for modifications and / or improvements to the application

14 months assignment for a BPO company that manages IT solutions projects for a large American group that has activities in France. In a team of developers under the supervision of a Project Manager, I worked on .NET and BI projects.

- Application maintenance on a real-time financial software package
- Migration of three .net 2.0 Framework applications to .net 4.5.
- Development of a asp.net MVC application
- WCF, RestFull and SOAP services.
- Construction of a data warehouse with historical data for reporting purposes and risk analysis on OBIEE
- The conduct of the test and qualification phases according to the specifications
- Compliance with standards and standards in force and in compliance with customer requirements.
- Customer receipts support and analysis of customer returns in production
- Realization of the settings and integrations.
- User training.
- Participation in the improvement of the Quality of the software package

6 months assignment for an investment firm involved on the financial markets.

- Design of a regulatory tool on .NET (compliance) to generate an XML file from an XSD schema.
- Study and collection of needs.

- Coordination with the client to update this data to meet the constraints of the XML file.
- Use of Xquery
- Design of web services using API provided by the system.
- Test and deployment.

2-month assignment in an audit / accounting department of an audit firm

- Advice on the choice of infrastructure and decision-making tool from a bank based in Kenya.
- Feasibility study on the integration of data from different client management tools (bank loan application, accounting) on the Salesforce and Force.com platform.
- Gap analysis to compare the set of needs with what is / can be achieved, costs and benefits.
- Comparison of decision tools available on Force.com, comparison and features of APIs
- Comparison of decision tools available on Force.com, comparison and features of APIs, coordination with a Salesforce consultant.
- Account audit using ACL Analytics.

3-month assignment in a decision-making department of a telecom subcontractor

- Maintenance of the data warehouse.
- Warehouse power from flat files, use of the C # command line language to transform data and update the MySQL warehouse.
- Creation of KPIS and Dashboard on a tool developed internally.
- Customized reporting with JasperSoft.
- Tests and recipe.

5-month assignment within a decision-making department of an insurance broker

- Development and implementation of a data warehouse on the incoming document management (GED) within the infocentre.
- Collect the needs of the MOA and translate them into technical specifications.
- Build the star model on OBIEE 11g.
- Powering the data warehouse and data-marts with PL-SQL scripts.
- Creating materialized views, query optimization.
- Reporting and Dashboard.

- Uses various OBIEE features such as presentation, session and repository variables to create more dynamic and customized reports.
- Creation of web services and the use of Java Framework ADF.
- OBIEE WebLogic server administration.
- Tests and recipe.
- Follow-up of the production start.

6 months assignment within a department of deployment and management of applications in a Data Center environment

- Development and implementation of a decision-making framework on incidents.
- Design a data warehouse and use of SSAS to build the cube.
- Multidimensional modeling and maintenance on the CUBE.
- Coordination with the business on deploying solutions on IIS.
- Management of SQL Server databases (more than 32 instances, 7000 databases ..), implement workflows to solve, prevent and avoid incidents related to infrastructure constraints. (heterogeneity of systems etc ..).
- Development of maintenance scripts on SQL server.
- Development of middleware with C# and .NET.
- Automation of tasks through batch and powershell.

3 months assignment within a fleet management department

- Technology Adoption Choices Council and Strategy
- Participate in the implementation of the Oracle Asset Management tool
- Coordination with the trade for the configuration of the tool
- Implementation of OBIEE, participated in the creation of a data warehouse and data-marts
- Reporting and dashboards

3 months assignment within a company in Telecommunications

- Participation in the maintenance project of the billing profession
- Infrastructures Telephone network and smart networks SSN

- Designing a new WinForms interface on the .NET heavy client and use of console applications written in C#
- Integration of Call Detail Records within the system
- Maintenance on PRO-C scripts on the back-end part.

MICROS FIDELIO

Technical Support for a Hospitality Software Provider *Mauritius*

Period : August 2011 - January 2013

Technologies : Opera, Crystal Reports, Delphi

Customer context: Within a technical support team, respond to production incidents on PMS software at major hotels based in Mauritius, La Reunion, Madagascar and Seychelles.

- Supports business / MOA support for OPERA and Fidelio PMS tools for hotel management and catering (PMS).
- Technical support and resolution of production incidents related to the application or the database.
- Application migration.
- Construction of a small data warehouse for reporting purposes
- Maintenance and development of dynamic reports on Crystal Reports X1
- Rise in functional skills

Langues

Français	Fluent
Anglais	Fluent

DIPLOMAS AND CERTIFICATIONS

Diplomas

- ❑ DUT Statistics and IT from Paris Descartes University, France 2009

Certifications

ITGS (IT AUDIT)