Jean Luc BIAH

Software Engineer, Lead Developer
Highly qualified software development professional with over 17 years of experience in software design, development, and integration.

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EXPERIENCE

Sogecap S.A., Paris, France — *Lead Developer*

03- 2021 TO 09-2024

Within an agile team of 7, I was the technical leader of the front team composed of 3 developers. We worked on:

- The redesign of an application for launching calculations to an ALM grid in a web version (**React**).

- The maintenance of a WPF application.

- I redesigned the architecture of the solution by implementing **design patterns (GoF, SOLID, Craft)**.

- I set up unit tests (**NUnit**) and code coverage.

- I completely revised the Monitoring for the **real-time** reception of job progress via **HPC** messages in the server (backend)

- I was responsible for agile process management (**SCRUM**).

- I was the interface between my team and the client (actuaries).

- I was the interface with our software suppliers (bug management, licenses, ...).

- I was the interface with the IT department (devops, servers, HPC, ...).

Tools: Js, jQuery, nodejs, *Sequelize*, postgresql, .Net Core, C#, MVC, WPF, Nunit, Moq, Sonarqube, Tailwind CSS, React, Git, GitLab, Ansible, Kubernetes, Jenkins, SCRUM, KANBAN, MS HPC

Binas Group, Brussels, Belgium — *Project Manager*

11-2020 TO 01-2021

Managing a team of 3, I oversaw the development from scratch of a distributed contact management PDM as follows:

- **SQL Server** database.

- **.Net Core API** hosted on **Azure (DB, API, DevOps)**.

- **WPF** client.

SKILLS

Reactjs, SignalR, IndexedDb, NodeJs, Expressjs, VueJs, C#, Rest Api, Asp.Net Mvc, Asp.Net, Winform, Javascript, Ajax, Jquery, CSS, Tailwind, Bootstrap, Microsoft Azure, mongodb, Sql,T-Sql, Ssis, Ssas, Ssrs, Xml.

Sql Server, Mysql, Oracle Xi, Sybase (Ase Isql).

Merise, Uml

Windows, Linux.

Rational Rose, Power Amc, Dia, Db Designer.

Sonarqube, Ansible, Kubernetes, Git, Gerrit, Jenkins, Github, TFS, Svn (Turtoise), Synergie, Visual Source Safe.

Kanban, Scrum.

Crystal Report, Infragistics

LANGUAGES

French

English

As a developer:

- I created the solution architecture.
- I created the database **(SQL Server)**.
- I implemented the ORM **(Dapper)**.

Tools: *.Net Core, C#, WPF, Dapper, T-sql, Rest Api, MS Azure, Git, GitHub, Caliburn Micro, NUnit, Moq, Kanban*

Sinequanone Institute, Bezons, France — *Trainer in Digital Transformation, DevOps, Project Management*

08- 2020 -

I am a trainer of Master 1 and Master2 level work-study students in digital transformation (full-stack development, Best Practices, Software Craft), DevOps (Collaboration, security and compliance, continuous improvement, CI/CD) and Project leadership (agility, project management). 'team). This training articulates the digitalization of the institute.

Finalised Projects:

Creation of a web platform for billing management

Tools: *mongodb, nodejs, expressjs, ReactJs, mochajs, Html5, CSS3, Media Queries, Stripe, Git, Jenkins, GitHub, Docker, SCRUM, Kanban*

Creation of a web platform for apprentice contract management

Tools: *Sequelize, nodejs, expressjs, VueJs, mochajs, Html5, CSS3, Media Queries, Git, Jenkins, GitHub, Docker, SCRUM, Kanban*

Betclic Group, Betting, Bordeaux, France — *Lead Developer*

10-2019 TO 10-2020

Within a team of 20, I was tech-lead of a group of 4 in charge of redesigning Windows services and **REST APIs**.

As a tech-lead:

- I participated in agile processes **(SCRUM)**.
- I carried out code reviews.
- I was the interface between my team and the DBAs and the IS.

As a developer:

- I developed applications **(CSS3, Mustache, EJS, Nodejs)** to extract data from the **Jira API** and internal APIs or generate matches.

- I created APIs that received messages from the Brokers in real time from the matches **(Graylog, RabbitMq)**.

- I created stored procedures and set up the ORM **(Dapper)**.

- I monitored the application **(Kibana, Datadog)**.

- I published versions **(TeamCity, Jenkins, Octopus)** and carried out MEPs.

We worked in **Agile mode (SCRUM, Kanban)**.

Tools: *.Net 4.5, C#, Nodejs, Ejs, Mustache, CSS3, BootStrap, MDBootsrap, T-sql, Rest Api, Git, GitHub, RabbitMq, Datadog, Kibana, Graylog, TeamCity, Jenkins, Octopus*

Société Générale IB, Paris La Défense, France — *Lead Developer*

01- 2019 TO 09-2019

I worked as a Lead Developer on the maintenance of the **XOne** application for **Forex Cash**.

I worked mainly on the redesign of unit tests **(C#, Nunit, Moq)** and the creation of stored procedures **(pl SQL)** and functionalities on the backend.

Tools: *.NET 4.5, C#, NUnit, Moq, Oracle 12i, Git, Gerrit, Jenkins*

Ag Insurance, Bruxelles, Belgique — *Lead Developer*

08- 2017 TO 08-2018

I worked as a Lead Developer on the evolution of a web application that orders calculations from an **AFM** (Algo Financial Modeler) grid. The calculations were previously managed via an Excel tool. The new version is web-oriented and acts as a single access point for the grid.

As a developer:

- Adding new features on the backend **(WCF)**.

- Creating new screens **(MVC, JQuery, CSS)**.

We worked in Agile mode **(SCRUM, Kanban)**.

Tools: *.NET 4.5, TFS, C#, MVC, Js, JQuery, CSS3, WCF, WF, SQL SERVER, Kanban*

Candriam Investors Group, Paris, France— *Lead Developer, Soa & Batches*

11- 2016 TO 03-2017

I worked as a Lead Developer on a project to migrate VB.Net applications to the .Net Framework 4 to move the IT CANDRIAM application park to the new environment called CORP.

As an architect:

- Referencing applications
- Study of dependencies
- Production of KPIs
- Migration of batches to comply with new architecture standards.

As a developer:

- Translate batches from old versions of **VB, VB.Net** to **C#, .NET 4 Framework**.
- Development in **TDD** mode.
- Writing test plans.
- Deployment and testing.

I worked alone, but the team was **Agile (SCRUM, Kanban)**.

Tools: *.NET 4.5, TFS, C#, NUnit, SOA, ORACLE 12C*

CEGC (GROUPE BPCE), Paris La Défense, France — *Lead Developer,*

10-2014 TO 10-2016

Within a team of 4 including 2 developers, I take care of the development of changes in the application for managing guarantees and surety bonds (two modules, WebForm (ASP.Net) and WinForm, WCF), I write technical specification documents, and I take care of the architecture and the development of new requirements.

- Writing of detailed technical specifications
- Developments
- Reporting
- Tests
- Packaging (integration, versioning, build)
- Recipe

Tools: *.Net 3.5, 4, C#, Asp.Net Mvc, Asp.Net, Winforms, Wcf, Ssrs, Entity Framework, Sql Server 2012*

BPCE, Paris, France — *Lead Developer, Audit, Profiling*

07-2014

I audited a web application with big problems of slowness and systematic failures of some unexplained use cases by the team in place. I did some tracking to detect blocking nodes, explained the reasons for the blockage and proposed solutions. The experiment lasted three weeks.

Tools: *.Net 3.5, C#, Asp.Net, Entity Framework, Sql Server 2008*

Banque De France, Paris, France — *Lead Developer, Asp.Net Mvc, Asp.Net, Vsto, SSIS*

06-2013 TO 07-2014

Within a team of three (3) people, I worked as a Lead Developer on a VSTO module on the Solvency II perimeter

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Within a team of 6 people on activities related to the "Balance of payments", I worked as an ASP.Net developer. The "Balance of payments" project is divided into 5 sub-projects, 5 project "sub-groups", 5 HMI projects.

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Within a team of 3 people on activities dedicated to the holding of UCITS securities, I worked as an ASP.Net MVC developer.

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Within a team of 3 people on activities dedicated to the referencing of titles, I worked as developer ASP.Net MVC (WebPage), MSBI (IS)

Tools: Sql Server 2008 R2, SSIS, SSAS, C# 4.5, Asp.Net, Asp.Net Mvc, Vsto, TFS, Kanban, IIS, Uml

- Web page development under ASP.Net MVC
- Development and maintenance of SSIS jobs
- Database development and maintenance
- Daily monitoring (15mn point - Agile mode) of the evolution of projects by developer / sprint

Credit Agricole CIB, Paris La Défense, France — *.Net Specialist, Winform, Webform*

07-2011 TO 12-2012

Within a team of 3 people on activities dedicated to counterparty risk, I worked on the integration of transaction data, their formatting and their delivery to the RISK teams via a heavy client developed by my care.

- Generation and publication of reports in MS EXCEL and flat format (SENSITIVITIES, JTD, LIMITS, STRESS, PNL, VAR, ...)
- Automatic report programming
- The configuration of structures and perimeters for data filtering
- An automatic report creation / delivery service
- A service for monitoring the evolution of database integration

- An SSIS job execution service aimed at updating data cubes

- Development and maintenance of SSIS jobs

- Development and maintenance of data cubes (SSAS)

- Database development and maintenance (T-SQL)

Tools: *C# 3.5, Winform, Asp.Net, Sql Server 2008, SSIS, SSAS, Uml, Iis, Visual Source Safe, Kanban*

Société Générale CIB, Paris, France — *.Net Specialist*

07-2010 TO 06-2011

Within a team of 5 people (ATG) on activities dedicated to the American market and to American government bonds (GOVIES). SCRUM pilot project within the Distribution Platform team.

- Application for managing an instrument dictionary.

- Connectivity to financial markets (TRADEWEB, BLOOMBERG, MARKETAXESS, etc.) via ION

- RFQ Processing Application

- Deal Processing Application

- Integration of a new market in sprint mode

- User support with management of a bug correction schedule

Tools: *Uml, IIS, Oracle 10i, C# 3.5, Wcf, Xml, Tibco Rdv, Ion, Tradeweb, Bloomberg, Marketaxess, Clearcase, Svn, Cruisecontrol, Scrum (Xp)*

Natixis, Paris, France — *Studies & Development Engineer*

06-2009 TO 06-2010

Within a team of 5 people, I developed and maintained a synergy of applications with the objective of negotiating financial products.

- Database – Data manipulation

- Windows services

- Web Services

- Client application

Tools: *Uml, IIS, Sybase Ase Sql, C# 3.5, Webservices, Xml, Microsoft Message Queuing, Tibco Rdv, Infragistics 9.0, Datasynapse Gridserver, Synergie*

Itron, Poitier, France — *Studies & Development Engineer*

01-2009 TO 05-2009

Within a team of 4 people, I worked in the development of an application for the configuration and maintenance of industrial and domestic

electricity meters.

- Study and design of ACE Pilot software
- Software development in C # 3.5
- Development of a library for updating the firmware of an AMM meter
- Validation of the Labtool industrial meter maintenance software

Tools: *C# 3.5, Infragistics 8.2, Xml, Visual Source Safe*

Newedge Group, Paris, France — *Administrator / Application Developer*

08- 2007 TO 12-2008

Within a team of 2 people, I carried out the integration and the development of applications, the administration of the database, the administration of a CRYSTAL REPORT XI server and carried out operations monitoring.

Tools: *Apache Tomcat, Iis, MS Sql Server 2005, C# 2.0, Asp.Net 2.0, Crystal Report Xi, Visual Source Safe*

C-Design Fashion, Paris, France — *Studies & Development Engineer*

03-2006 TO 08-2007

Within a team of 2 people, I developed a product management software (PDM) and a WorkFlow software for production launch monitoring.

Tools: *C#, Asp.Net, 2.0, MySql 5, Crystal Report, Merise, Visual Source Safe*

EDUCATION

Ingesup, Paris, France — *Information System and Software Engineer*

2007

Institut Africain D'Informatique (I.A.I), Libreville, Gabon — *Analyst Programmer*

2003

PERSONAL QUALITIES

Professional	Collaborative	Creative	Enthusiastic
	Good Communication Skills		
Attentive	Autonomous	Participatory	Flexible

REFERENCES

Raphaël Q, Paris, France— *Autorité de Contrôle Prudentiel et de Régulation (ACPR)*

12 Months

Project Manager.

Jean-Pierre R, Paris, France — *CEGC (BPCE)*

24 Months

Project Manager.

Florian D, Paris, France — *Banque de France (BDF)*

12 Months

Project Manager.

Olivier H, Paris, France — *CEGC (BPCE)*

24 Months

Team Leader