Mohamed Amine EL AFRIT
Software Engineer and Project Manager

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Summary : 10 years of experience

I am a software engineer and IT project manager. I got my engineer degree in 2009. During these last 10 years I helped my clients in their digital transformation process to make modern software and platforms to improve their business performance. I did many roles in IT projects. I started my career as developer, then technical analyst, then consultant and during the last 3 years as project manager and PMO. I am a life-long learner. In fact, in parallel with my job I followed courses in economics, finance and management and I have got a master degree in economics and corporate finance. I have recently got an international certificate in finance from HEC Paris.

Education

- 2020: **PMI:** Project Management Professional (PMP)
- 2018: **Executive International Certificate in Corporate Finance** from HEC Paris
- 2017: **Certificate in Corporate Strategy** from CNAM Paris cf. mohamedelafrit.com/csse
- 2016: *Master degree in Business Strategy and Managerial Economics* at CNAM Paris
- 2010: *Master degree in Computer Networks* at the University of Bordeaux 1
- 2009: *Postgraduate degree in engineering* from ENSEIRB-MATMECA
  Engineering School of Electronics, Computer Science and Communication Technology
- 2006: **Bachelor degree in Physics and Mathematics** at **IPEST**
  Scientific preparatory school for French "Grandes Ecoles"
- 2004: **Baccalaureate diploma**, with highest honor, at LPS : Pioneer High School

Summary of career

- December 2016 – January 2018: **Société Générale**: PMO and Portfolio Manager Assistant
- August 2015 – November 2016: **Société Générale**: Project Manager
- August 2014 - August 2015: **BNP Paribas – BDDF**: Scrum Master
- May/Jun 2014 : **Pitney BOWES / BNP Paribas**: Technical Lead
- *February 2012 - march 2014*: *NATIXIS*: Functional and technical consultant / Test Manager
- *October 2010 - February 2012*: *DGGN's* **STSI²**: Java Developer / Technical Lead
- *January 2010 - October 2010*: *AXA*: Performance Testing Consultant
- *February 2009 - September 2009*: *INRIA Bordeaux*: Junior Researcher / Analyst / Developer
- *June 2008 - September 2008*: **BNP Paribas – CIB**: Java Developer

Honors

- **Bronze medal** at the Pan African Mathematical Olympiad - Tunisia 2004.
- Participation in the International Mathematical Olympiad – Athens 2004.

Languages

- English : very good
- Arabic : mother tongue
- French : mother tongue
- German : beginner

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Sectoral experience

- Retail and Investment Banks - Insurance

Technical skills

- Project management tools : Ms Project / PMBOK / Agile Scrum & Kamban
- Development Tools: JAVA / SQL / JavaScript / VBA / Excel
- Business Process modeling : BPMN / UML / EPC / Visio
- Testing tools : Performance Center / ALM
- Statistics and data tools : R / Tanagra / Advanced statistics for business
- Office tools : Ms Office (advanced) / LaTeX

Details of career

Mission for CGI / Société Générale: December 2016 – February 2018

Project	My mission is to assist the Program Manager in the financial management of the various projects comprising this program of about 200 people, 8 projects and 7 inter-business unit agreements (royalties, margin solidarities).
Function	PMO and Portfolio Manager Assistant
Responsibilities	• Control and analysis of the monthly financial reports prepared by the different Project Managers (evolution of revenues and margins by BU and total program) • Control of inter BU agreements
Technical environment	Tools: Windows, Word, Excel.

Mission for Société Générale : August 2015 – November 2016

Project	The project CONTACT is a CRM for retail banking and the aim is to update the existing software with new releases (one release each 3 months) to meet regulatory constraints and to add new features.
Function	Project Manager
Responsibilities	• Planning the test campaign of each release • Writing the Test Strategies • Defining roles (RACI) • Tracking activities of developing and testing team • Reporting to steering committee • Coordination between stakeholders (technical, functional, management)
Technical environment	Tools: Windows, ALM, JEE, Word, Excel.

Mission for BNP PARIBAS BDDF: August 2014 - August 2015

Project	CCI project (Cortal Consors Inside) of the NEXT program (New User Experience).
	CCI is an agile project that integrates components into the new BNP BDDF digital platform. These components are supplied by the Cortal subsidiary in Germany of BNP. The shared front-end makes it possible to take over all the trading features of the securities offered by the existing one and to enrich it with new transactional functionalities, market information and analysis tools. The goal is to put into production this new front-end on the web and mobile channels (smartphone and tablet) with new modern user experience
Function	Scrum Master
Responsibilities	• Planning the project sprints. • Test Management : planning / strategy • Tracking activities of developing and testing team • Reporting to steering committee • Coordinating with the German technical team • Coordinating with functional team in Paris
Technical environment	Tools: Windows, ALM, JEE, Word, Excel.

POC for PITNEY BOWES: May / Jun 2014

Project	The project aims to set up a multichannel distribution platform (paper, email, SMS, fax, etc.) for a major player in insurance. In this context, we support the publisher Pitney Bowes by providing functions of monitoring and monitoring of the activity.
Function	Technical Lead
Responsibilities	• Collecting requirement. • Development of screens with the team. • Tracking the activities.
Technical environment	Tools: Windows, Eclipse, JEE, Word, Excel.

Mission for NATIXIS: February 2012 - March 2014

Project	SMART Contestation (Protest Management Software) is a solutions to fight bank fraud.
Function	Functional/Technical Consultant and Test Manager
Responsibilities	• Writing detailed functional specifications • Planning testing activities for the project • Monitoring and Controlling the project activities • Implementation of a workflow to optimize the process of handling anomalies
Technical environment	Tools: Windows, RSA, JEE, Word, Excel, Dimension.

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Mission for the French Directorate of Gendarmerie: October 2010 - February 2012

Project	ATRT: This application is designed to extract information from undefined-formats source files to allow users to analyze them in order to transmit them to third-party applications.
	ANACRIM NG: Application analysis of the National Gendarmerie serial crime is used to manage files within a format that allows analysis and graphical representation within client tools.
Function	Java Developer / Technical Lead
Responsibilities	• Development of screens for ATRT • Specific development for ANACRIM NG • Writing the technical documentation • Improve performance using SQL Best Practices • Technical supervision of less experienced colleagues
Technical environment	Windows, Eclipse, JEE, Struts, Spring, JSP, XMLSpy, SQL developer.

Mission for Axa France Service: January 2010 - October 2010

Project	Performance Qualification of applications used by AXA Banking and Insurance.
Function	Performance Testing Consultant
Responsibilities	• Realization of performance tests for pre-production applications using HP LoadRunner tool • Realization of test probes for applications during the production phase. Analysis and synthesis of the results • Recommendations to optimize performance • Coordination between project stakeholders • Monitoring of performance testing campaign • Synthesis of performance testing campaign
Technical environment	Tools : Windows, HP Loadrunner, VUGen, HP performance Center, Sitescope, Diagnostics

Internship at INRIA: February 2009 - September 2009

Project	MPICPL (MPI Coupling): a framework dedicated to the coupling of scientific codes, based on MPI standard. It is divided in several independent layers for coupling.
	Load balancing and data distribution for multiscale simulation of solids by coupling molecular dynamics with finite elements. Application to multi-scale crack propagation in materials
Function	Analyst / C Developer
Responsibilities	• Load balancing Module across multiple processors for parallel simulations • Optimizing communications between processors • Studying load balancing strategies to improve the coupler • More details about my work: www.mohamedelafrit.com/pfe
Technical environment	Tools: Linux, Grid 5000, Grid Computing, PATOH, METIS, HMETIS

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Internship at BNP Paribas CIB: June 2008 - September 2008

Project	SAFIR is a tool used to analyze the performance of companies' portfolio and to optimize the management of the portfolio of funds managed by BNP Paribas. This international application (30 users in Europe, including around 18 in Paris) is used by the LFG team (Leveraged Funds Group) that manages CLO funds for the benefit of third party investors.
Function	Analyst / Java Developer
Responsibilities	• Developing of new features • Unit and Integration testing • Exporting results to Excel
Technical environment	Tools: Windows, JAVA/J2EE, JGoodies, Hibernate, SQL, Websphere, IBM RAD6, architecture client/serveur.

Other projects and achievements

CNAM (September 2017)
Realization of a strategic study on the market of Digital Service Companies. More details of my work: **www.mohamedelafrit.com/csse**

CNAM (September 2016)
Writing a professional thesis in digital economy – This dissertation is realized to prepare a master in strategic, industrial and financial analysis at the CNAM. This is a study on digital transformation. More details of my work: **www.mohamedelafrit.com/asif**

CNAM and Paris Diderot University (December 2016 - May 2016)
Realization of a study in strategic analysis of the IT Consulting Companies - This study is carried out as part of a training program in strategic business analysis.
More details of my work: **www.mohamedelafrit.com/ept204**
Techniques: Business Analysis tools, Advanced Statistical Techniques, Excel
Environnement : Data Bases: Diane, Xerfi, INSEE

CNAM (Jun 15)
Realization of a study in data Mining - Analysis of French cities data. This study is carried out as part of the validation of a BI and Data Mining training at the CNAM.
More details of my work: **www.mohamedelafrit.com/ear207**
Techniques: Advanced Statistical and data mining techniques, Factor Analysis (PCA, MCA), Hierarchical Clustering
Environnement : Tanagra, R, Excel