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| **Hawa Evelyne BA (28ans)**  DEVELOPMENT ENGINEER | * 775652607 * [hawa-evelyne.ba@atos.ne](mailto:hawa-evelyne.ba@atos.ne)t * Nationality : Senegalese |

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| **Education** | * **2014, Master II Business Intelligence, Cheikh Anta Diop University of Dakar - FST/ Computer Section** * **2013, Master I Distributed Information System (Computer), Cheikh Anta Diop University of Dakar - FST/ Computer Section** * **2012, Licence III Computer, Amadou Hampaté BA University of Dakar** * **2009, Bachelor Degree Scientific series (S2), Yalla Suur EN** |
| **Language** | * English (Written / Spoken) * French |
| **Localization** | * Dakar |

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| **Skills** |  | * Experience a variety of ETL development tools : SSIS, Talend * Analyze, design, develop, implement data integration programs * Experience in extracting, transforming and loading data (ETL) * Data Warehouse development * Experience in ETL development using Talend, SSIS, Pentaho * Data Warehouse ETL design, development and support * Design and implement Extract, Transformation and Load processes, programs and scripts |

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| **Technical Skills** |

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|  |  | | | **Level** |  | **Level** |
| **ETL development tools** | Talend Open Studio for Data Integration | | | 2.5 | Pentaho | 1 |
| Microsoft SSIS | | | 2 | Microsoft Power pivot | 1 |
| **Data visualization tools** | Tableau software | | Power BI | 1 | Jasper Report | 1 |
| Microsoft Excel | 2 |
| Microsoft Power View | 1.5 |
| Microsoft SSRS | 1 |
| **SGBD** | MySQL | | | 1.5 | Oracle | 1.5 |
| SQL Server | | |
| **Query language** | SQL | | | 2 | MDX / DAX | 1 |
| PL/SQL | | | 1 |
| **Modeling** | UML | | | 2 | Merise | 2 |
| **Programming language** | Java | Jee | | 1 | C# | 1 |
| **Integrated Development Environment** | MySQL Workbench / NetBeans | | | 2 | Notepad++/ Sublime Text | 2 |

Level: -**1** Knowledge - **2** Good Knowledge –**3** Expert

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| **Professionals experiences** |

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| **SONATEL**  **Mission pour ATOS Sénégal** |  |  |
| Dec. 2018 à July 2019 |  |  |
| **Function** |  | Development engineer |
| **Project** |  | SONATEL |
| **Missions** |  | * Designing and developing Talend programs * Mentor junior developers on the best practices for developing ETL jobs utilizing Talend * Work with other team members in establishing and sharing design and development techniques of the ETL process * Support level 2 and maintenance for customer information system applications (Customer Care et Billing System) * Created alerts for successful or unsuccessful completion of scheduled jobs * Documenting, tracking and monitoring the problem to ensure a timely resolution * Optimization and automate programs for support and exploitation * Develop and implement data integration program * Migration of monitoring solution from RedHat 5 to RedHat 7 * Translate user requirements into specific ETL solutions |
| **Environment** |  | Talend Open Studio for Data Integration, Pentaho, Oracle, MySQL, Java, PL/SQL, PHP, Shell |

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| **ATOS SENEGAL** |  | |  |
| Sept. 2017 to August 2018 | |  |  |
| **Function** |  | | Development engineer |
| **Project** |  | | Worldline e-payment |
| **Missions** |  | | * Report building * Analyze and implement data * Design, document, and develop Reports/Dashboards * Extracting and loading data from excel, flat file etc to Mysql database by using Talend Open Studio for Data Integration * Create report with Jasper Report * Develop and implement data integration program * Optimization and automate Talend programs * Create and maintain documentation that describes jobs solutions |
| **Environment** |  | | Talend Open Studio for Data Integration, MySQL, Oracle DB, Jasper report, Workbench |

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| **Amsa assurances** |  |  |
| March 2016 à August 2017 |  |  |
| **Function** |  | Business Intelligence Developer |
| **Project** |  | |  | | --- | | Designing, create develop and implement decisional system for Amsa Assurance Senegal and Ivory Coast | |
| **Missions** |  | |  | | --- | | * Involving in requirement, analysis, implementation, development, and production. * Creating dynamic queries to perform ETL operations by looping through multiple database servers and tables. Creating dynamic queries to perform ETL operations by looping through multiple database servers and tables. * Created alerts for successful or unsuccessful completion of scheduled jobs * Design and implementation of Data Warehouses * Designing and developing Talend programs to validate, extract, transform and load data from sources systems to the data warehouse * Importing and extracting data from database sources and loaded those data into a data warehouse to build various reports * Optimization and publication of queries reports in Jasper report * Formation * Technical report | |
| **Environment** |  | Oracle, TOAD, SQL Developer, Talend, PowerAMC, Jasper report |

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| **ANSD** |  |  |
| July 2015 to Oct. 2015 |  | Agence nationale de la Statistique et de la Démographie |
| **Function** |  | Web Developer |
| **Project** |  | Redesigningof Senegalese company matriculation system |
| **Missions** |  | * Contributed to SQL server database modeling, design and development * Writing up technical support to end users * Work closely with other developers and professionals * Design, document, and develop Reports/Dashboards |
| **Environment** |  | C#, HTML, JavaScript, NHibernate, CSS, Visual studio. |

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| **World Bank** |  |  |
| April to June 2015 |  |  |
| **Function** |  | Business Intelligence Consultant |
| **Project** |  | Data warehouse of poverty in Senegal |
| **Missions** |  | * Data modeling * Transferred the data (ETL) to data warehouse by SSIS * Created SSIS packages to process the data * SQL server database modeling, design and development * Designing and developing SSIS ETL packages to validate, extract, transform and load data from sources systems to the data warehouse * Designing and developing the mappings to load the data from flat file to SQL server tables for reporting purposes. |
| **Environment** |  | Microsoft Business Intelligence, SQL Server, PowerAMC, Excel |

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| **SENELEC** |  | National Electricity Company of Senegal |
| Nov. to Dec. 2014 |  |
| **Function** |  | Training |
| **Project** |  | Designing decisional model for SENELEC |
| **Missions** |  | * Survey of relevant departments for the introduction of a data warehouse for SENELEC * multidimensional model design * Developing a full report for a better understanding of the model |
| **Environment** |  | PowerAMC, Microsoft office |

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| **OMVS** |  | Organization for the Development of the Senegal river |
| Oct. 2012 to Sep. 2013 |  |
| **Function** |  | Training |
| **Missions** |  | * Development of management application for OMVS fleet with JAVA. * Development of management application for OMVS agents (Access). * Maintenance and monitoring of the information system. * assistance and training on computing devices to the employees * Support staff * Master Assistant to the intranet portal |
| **Environment** |  | Java, SQL Server, Microsoft Access |