Ndongo SAMB

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Java Full Stack Developer

My career goal is to provide web/mobile development services to small-to-medium-size companies.

As my work experience has also led me to make important decisions and given me the ability to collaborate, I have mastered :

- Best practices in web and mobile application development
- The development of a technical architecture that meets the requirements
- Decision-making between simultaneous projects
- The complex organization of tasks over several objectives
- Optimal project progress and product stability for the end-users

Dynamic and passionate, I appreciate teamwork while knowing how to evolve independently for the missions that require it. Curious by nature and versatile, I assume my responsibilities with great precision.

Outside of my job, networking, sport, watching Manga, play video games, and share time with my family.

Main skills

- Design and Development
- Writing technical specifications
- Development team management
- Customer follow up and communication
- Productivity and time management
- Agile framework: Scrum, Kanban
- Code review
- Languages: Java, Ruby, Dart, Php, JavaScript, HTML
- Frameworks: Spring Boot, JEE, Ruby On Rails, React, Angular
- Java Frameworks: JEE, Spring Boot, JSF, Hibernate
- Mobile: Flutter React Native
- DevOps (CI/CD, Docker, Jenkins Pipelines, Docker Compose, kubernetes, aws)
- BPMN: Camunda
- Web services: REST, SOAP
- Databases: Mysql, Oracle, PostgreSQL, MongoDB
- Tests: Junit, Mokito, Gerkin, Cucumber, Jasmine
- Bilingual: French and English

EDUCATION AND CERTIFICATIONS

2015	**Formation** (OBJIS FRANCE)
	- JPA/ Hibernate
	- JSF Primefaces
	- Web Service SOAP/REST
2014	**Degree in computer engineering**
	École Supérieure Polytechnique de Dakar (Sénégal)
2011	***Bachelor's degree in computer science***
	École Supérieure Polytechnique de Dakar (Sénégal)

PROFESSIONAL EXPERIENCE

IT Consultant Astek Canada   **Juillet 2021 – today**

1) Software Engineer (WADA/Canada) October 2022 - today

Role: Java Back-end
- Analysis of functional and technical specifications
- Design and development of new functionalities
- Creation/Consumption of SAOP and REST web services
- Quality review of the code (code review)
- Unit testing

Technologies: Java, Jsp, Spring, JBoss7, ActiveMq, Jenkins, sonar

2) Mortgage Renewal Management (Desjardins/Canada) June 2022 - October 2022

Role: Java Back-end
- Analysis of functional and technical specifications
- Design and development of new functionalities
- Creation/Consumption of SAOP and REST web services
- Quality review of the code (code review)
- Unit testing
- Gerkin/Cucumber testing
- Deployment on the PAAS

Technologies: Java, SpringBoot, Hibernate, Postgresql, RabittMq, Redis, Jenkins, sonar, microservices

3) Data Life Cycle (Desjardins/ Solutions Department, Corporate Finance) June 2022 - October 2022

Role: Java FullStack
- Analysis of functional and technical specifications
- Design and development of new functionalities
- Creation/Consumption of SAOP and REST web services
- Quality review of the code (code review)
- Unit testing
- Gerkin/Cucumber testing
- Deployment on the PAAS

Technologies: Java, SpringBoot, Hibernate, Postgresql, Jenkins, sonar, MFT

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Orange-Sonatel/Senegal

1) Implementation of a commercial IS for prepaid and postpaid mobile customers (Client: SONATEL/Senegal)

Role : Java Developer
- Analysis of functional and technical specifications
- Design and development of new functionalities (sales, order taking, collection, stock management)
- Consumption of SAOP and REST web services
- Implementation of portability between telecom operators
- Quality review of the code
- Testing and deployment

Technologies : **Java 8, JEE, JSF**, **Hibernate/JPA**, Primefaces, **Mysql**, **SpringBoot**, Html5, Css, Web Services

2 - Commercial SI evolution of prepaid mobile customers (Client: SONATEL/Senegal)

Role : C#/.Net Developer
- Analysis of functional and technical specifications
- Design and development of new functionalities (release management)
- Code quality review
- Exposure / Consumption of SAOP and REST web services
- Unit testing and deployment

Technologies : C#, .NET, **Oracle**, Html, Css

3 - Generation of duplicate periodic invoices for customers (Client: SONATEL/Senegal)

Role: Java Developer, PL SQL
- Analysis of functional and technical specifications
- Design and development of new functionalities (version management)
- Testing and deployment

Technologies : **Java 8, Oracle**

4 – Implementation of an invoice due date platform (Client: Sonatel employees)

Role : Web Developer

- Analysis of functional and technical specifications
- Design and development of new functionalities (version management)
- Exposure / Consumption of REST web services
- Testing and deployment

Technologies: NodeJS, **Angular**, MongoDB, Html, Css

5 – Refonte de l'application de génération de Facture PDF

Role: Java Developer:
- Analysis of functional and technical specifications
- Design and development of new features
- Adapt the Python script for invoice generation
- Agile methodology

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- Testing and deployment

Technologies: **Java, SpringBoot**, Thymeleaf, **Mysql**, Python

6 – Implementation of Orange Money payment processing API

Role : Java Developer

- Analysis of the functional and technical specifications
- Implementation of the technical architecture of the solution
- Creation of invoice retrieval APIs in Json format
- Creation of invoice payment update APIs
- Agile Methodology
- Unit test writing
- Setting up the deployment environment

Technologies: **Java, Jhipster, Mysql**, **API Rest**

7 – Implementation of an API for creating a customer line failure ticket

Role : Java Developer

- APIs for retrieving client information in Json format
- APIs for creating line disturbances
- Agile Methodology
- Unit test writing
- Setting up the deployment environment

Technologies: **Java, SpringBoot, Mysql**, Swagger, **Api Rest**

NETICOA (DAKAR/SENEGAL) – Neticoa/France - STAGE   **Mars – aout 2014**

Role: Développeur Back End et Front End

Missions and tasks performed:

- Analysis of functional and technical specifications
- Design and development of new features
- Development of modules
- Drafting of technical documents
- Testing and deploymentTechnologies: Ruby On rails, Angular, Mysql, Nuxeo

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SIITAV (DAKAR/SENEGAL) - Intern   **June – August 2013**

Water supply collection and management project

Role: Design and Development Engineer

Missions and tasks performed:

- Implementation of a mobile application with Android for the collection and management of drinking water supplies

Technologies : Java, Android

IT SMART (DAKAR/SENEGAL) - Intern   **March – July 2011**

Automation of local government processes.

Role: Web Developer

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Missions and tasks performed:
- Analyse the client's needs
- Propose a technical architecture
- Web application development

Technologies : Php, **Mysql**, Html, Css

TECHNICAL SKILLS

- Methodology: Scrum, Kanban
- Programming:
    - Languages:
        - Java (version: 8, 11)
        - Ruby, Php, SQL, JavaScript
    - Java Framework: JEE, JSF, JSP, Hibernate,
    - Framework Back End: Ruby on Rails, NodeJs, Laravel, Spring Boot, Quarkus
    - Framework Front End: Angular, ReactJs
    - Mobiles: Flutter, React Native
    - Web services: REST, SOAP
    - Tests: Junit,Mokito, Gerkin, Cucumber
- Database and cloud services :
    - Mysql, Oracle, PostgreSQL, MongoDB
    - Redis, Apache
- Cloud:
    - Aws: EC2, S3
- Tools: Linux, Docker, Docker Compose, Nginx, Tomcat
- Development and automatisation :
    - TDD, BDD
    - CI/CD
    - GIT
    - Jenkins
    - Sonar
    - Gitlab CI
    - Github Actions
- BPMN: CAMUNDA

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