Ibrahima Biram Diouf

Dakar, Senegal

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SUMMARY

- Experience in web and mobile development acquired in professional and academic environments
- Ability to take initiative and commitment in any environment
- Great facility for teamwork
- Programming languages: Python, C, Java, Javascript, PHP, SQL, HTML/CSS
- Frameworks : React, Angular, Django, Flask, Spring Boot, Laravel, NodeJs

PROFESSIONAL EXPERIENCE

Baamtu S.A.R.L.   **Dakar, Senegal**
Software engineer   *April 2021 - Today*

- Contribute to the development of a tax tracking platform for the DGI of Niger.
- Implement aggregation jobs to process data from external sources (other databases).
- Design class, interaction and activity diagrams for the project.
- Frontend technologies used: Angular, HTML/CSS, Bootstrap.
- Backend technologies used: Spring Boot, Spring Batch, PostgreSQL, Keycloak.

Ouicarry   **Dakar, Senegal**
Software engineer   *November 2019 - September 2020*

- Create an application to track customer orders and packages.
- Maintain the Kumba application that internally manages customer orders, from product purchase to delivery.
- Frontend technologies used: ReactJS, Redux, HTML/CSS, Bootstrap.
- Backend technologies used: Django, PostgreSQL.

Ouicarry   **Dakar, Senegal**
Computer science trainee   *April 2019 - October 2019*

- Contribuer au développement d'une application pour la gestion des commandes et colis des clients.
- Process and migrate data from Excel files to our database.
- Set up a dashboard for reading analytical data.
- Frontend technologies used: ReactJS, HTML/CSS, Bootstrap.
- Backend technologies used: Django, PostgreSQL.

Catalyst Business Solutions   **Dakar, Sénégal**
Computer science trainee   *February 2018 - October 2018*

- Contribute to the realization of the project for the harmonization of the information systems of the Institut de Prévoyance Retraite du Sénégal (IPRES) and the Caisse de Sécurité Sociale (CSS).
- Process and migrate data from Excel files to our database.

Catalyst Business Solutions   **Dakar, Sénégal**
Computer science trainee   *October 2017 - December 2017*

- Design in team a project for the control of light-emitting diodes (LEDs) from a web interface.
- Develop a program in Python (backend) to control LEDs from a Raspberry Pi.
- Collaborate with the front-end team to integrate the two parts of the project

Education

ÉPolytechnic School of Thies   **Thies, Senegal**
Master in Software Engineering   *October 2014 - October 2019*

- Average : 16.06

Sergeant Malamine Camara High School   **Dakar, Senegal**
Bachelor's degree in Physical Sciences and Mathematics   *November 2007 - July 2014*

PERSONAL PROJECTS

Xarala   **January 2021 - April 2021**

- Participate in the development of an e-learning application in local languages called Xarala.
- Manage several important modules of the site such as course management, user role management, etc.
- Frontend technologies used: ReactJS, NextJS, HTML/CSS, Bootstrap.
- Backend technologies used: Django, Graphql, PostgreSQL.