



COULIBALY AMADOU DIADIE

Software Engineer – Full Stack Developer



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Titibougou - Bamako, Mali



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TRAINING

**November 2021 – Nowadays : Master 1
Software Engineering – TechnoLab**

Higher Institute of Applied Technologies
TechnoLab ISTA - Bamako-Mali

2021: Programmer Analyst License

Higher School of Commerce and
Management - EcoSup Alternance

2020: DUT in Management Informatics

Higher School of Commerce and
Management - EcoSup Alternance

2016 - 2018: SMAI Common Core

Faculty of Sciences of Kenitra (Ibn Tofail,
Morocco), Applied Mathematics and
Computer Science

2016: Exact Sciences Baccalaureate

Kodonso High School, Bamako-MALI

2014: DELF B1 - DELF B2

French Language Study Diploma B1 & B2
of the Common European Framework of
Reference for Languages

PROFESSIONAL EXPERIENCE

INTERNET BUSINESS SERVICE – IBS MALI : Intern CMS Developer
October 2021 – November 2021

- Develop and Administer Client Websites with Wordpress and Drupal
- Set up and Administer ERP-CRM such as Dolibarr

HOTEL RADISSON COLLECTION : Intern IT
June 2021 – October 2021

- Assist clients with the different situations that may arise in the room, during videoconferences, with internet, screenings and audio
- Take care of printers (change cartridges, manage jams, clean them and solve printing problems)
- Take care of the cameras (fix display problems and do general troubleshooting)
- Triple Play (manage the display of screens during events)
- Complete the Check-List (List of things to do each day given by the Head of the Department)
- Do the back-up survey

SKILLS AND DEVELOPMENTS

Languages and Web Technologies :

- HTML, CSS, Bootstrap
- C, C++, Java, Python, SQL
- JavaScript, TypeScript, JQuery
- Angular, ReactJS & ReactNative
- NodeJS, ExpressJS
- PHP – Laravel
- XML – JSON
- C#, ASP.Net, Entity Framework

LANGUAGES

- French : Fluent & Native
- English : Fluent
- Bambara : Native

OTHER QUALITIES

- Autodidact
- Analyst
- Rigorous
- Clever
- Very Quick of Spirit
- Team Spirit
- Punctual

AWARDS

November 2021: Professional License Honor Roll – EcoSup

Honor Roll at the Excellence Award ceremony organized by EcoSup Alternance - Nov. 13, 2021

March 2020: Best EcoSup Speaker

1st Prize Debate Superior School of Retail and Management

2019 - 2020: Promotion Major DUT EcoSup

Promotion major for all 2nd years at the Higher School of Business and Management

Java & Java Enterprise Technologies JEE Edition:

- Spring Framework & Ecosystem (Integration, IOC, MVC, Spring Boot, Spring Data, Spring Security, Spring Batch)
- JPA, Hibernate
- Java Server Faces JSF
- JMS (ActiveMQ, RabbitMQ, Kafka Broker)
- Web Services (SOAP & REST)
- Java Swing & Java FX

Middleware and Tools Technologies :

- Android Studio, IONIC
- Java RMI (Remote Method Invocation)
- JaxWS, JaxRS
- Système Multi-Agent (Jade)
- Nd4J & Deep Learning 4J (DLP4)
- Jason Web Token JWT, Keycloak
- WordPress 5
- Docker, Kubernetes
- Thymeleaf
- Maven
- Git, GitHub, Jenkins
- MySQL, Oracle, MariaDB, SQL Developer
- Tomcat, Glassfish

Big Data Technologies :

- Hadoop, HDFS, HBase Yarn
- Apache Spark
- Kafka (Broker, Stream...)
- Hazelcast, Zookeeper,
- Redis
- MapReduce

Telecommunications / Networks :

- Ipv4, Ipv6
- OSI, TCP/IP
- DHCP, DNS, HTTP
- Routing RIP, Configuration Switch, Trunk
- Spanning Tree PVST, Access Control List ACL

Operating System, Software & IDE :

- Unix / Linux (Ubuntu, Debian, CentOS)
- Windows (Windows Server 2012)
- Visual Studio Code, Sublime Text 3
- Eclipse, IntelliJ
- Wireshark, Packet Tracer, GNS3
- Psycharm
- UML, Merise

HOBBIES

- *Video games*
- *I-Tech*
- *Sport (Basket)*
- *Travel*

PERSONAL ACHIEVEMENTS

Website and Applications for IBS-MALI :

- www.caomaturq.com
- www.apsa-ml.com
- www.preprod.ibs-mali.com/hydrosolar/home
- www.afrikbaobab.com

Game 4 clues 1 word :

4 clues 1 word is a game in the image of its name, the goal of which is to guess the corresponding word thanks to 4 clues suggested by the computer, This game was entirely made under Linux under script sh in Binome with my friend Oumar Nioukoussa Cissoko at the Faculty of Sciences of Kenitra (Ibn Tofail)

Visitor Management Application for Radisson :

Produced with the Ecosystem Spring, it is an application allowing to carry the information of visitors brought to enter the hotel within the framework of the global management except customers (return of product for the kitchen and the catering, of papers for printing, inks, visit of a private associate, help with banquets for HR extras, etc.).

The application also has the functionality of being able to export this said information relating to visitors in PDF format, to save the database automatically at certain times of the day, to consult the list of all visitors already registered, or more specifically the information. of a single visitor searched by his Name, First name, date of entry, etc....

Human Resources Management Application :

Also produced with the Spring Ecosystem, this is an application allowing the Human Resources department of the Radisson Hotel to better manage the employees of the Hotel. Taking overall the functionalities of the Visitor management application, it has certain additional functionalities such as the calculation and management of the leaves of each associate based on the cycle of 2.5 days granted per month but also an import functionality. 'an Excel file containing the data and automatically inserting into the application database.