MOUHAMMADOU OURY DIALLO

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LinkedIn: https://www.linkedin.com/in/mouhammadouod/
Portfolio: https://my-portfolio-two-steel-20.vercel.app/
Github: https://github.com/MouhammadouOD

SUMMARY

Talented software development professional with over 4 years of experience in Full Stack Development. Consistent in delivering clean, error-free, reliable code to meet current or expected needs. Well-versed in software trends and confident in multiple languages, frameworks and programming tools.

EXPÉRIENCE

LuciSun (Sart-Dames-Avelines, Wallonia, Belgique)

FULL STACK DEVELOPER | March2023 – Present 2024 (Remote)

- Working with the team for building LuciSun's products

- Tech-Stack: Next JS– Tailwind CSS – SQLite - Fast API - Python

CECA - Audit & Conseil (Dakar, SN)

FULL STACK DEVELOPER | November 2023 – January 2024 (Remote)

- As lead designer and developer, I led the creation of a revolutionary custom application for internal management within an accounting firm.

- Thanks to this application, each employee benefits from a personalized and secure experience, logging in with unique identifiers.

- The application, which I developed in its entirety, offers a customizable solution that adapts to the firm's specific needs, adding exceptional flexibility to day-to-day operations.

- Tech-Stack: React JS– TailwindCSS – MongoDB - NestJs

PI-Horaire

FULL STACK DEVELOPER | July 2023 – August 2023 (Freelance)

- Worked as a pair to build A Machine Scheduling App used in industry.
- Tech-Stack: NextJs – TailwindCSS – Prisma – SQL Server – Redux TLK – NestJs

SENDIGITAL (Dakar - SN)

FULL STACK DEVELOPER | April 2023 – May 2023 (Freelance)

- Build A SaaS to create digital Vcard with Qrcode.
- Tech-Stack: NextJs – TailwindCSS – Prisma – MongoDB – Redux TLK
- Contact The App Owner : Email: benilayegueye@gmail.com – Call: +221 77 381 33 34

OMEDEMA (Paris - France)

FULL STACK DEVELOPER | SEPTEMBER 2021 – PRESENT (REMOTE)

- Worked on Omedema's Landing Page
- Created UI Components
- Coded the landing Page using NextJS, TailwindCss, TypeScript, NodeJS
- Performed Unit tests for all components using Jest, react-testing-library, Enzyme
- Wrote integration tests with Jest and Enzyme
- Worked on Omedema's Platform-app Web App
- Built forms for signing in the platform with react-hook-forms
- Built the entire live-chat using Socket-io to put in place the real-time chat feature
- Setup the State management feature for the app with Redux-toolkit.
- Setup api for updloading file on the portfolio section
- Build the UI for portfolio section with modals
- Responsible of the CI/CD pipeline
- Worked on Platform migration

GOMYCODE (Dakar - SN)

FULL STACK JS INSTRUCTOR | JUNE 2022 – PRESENT

- Support the students in their learning

- Developed guides and course materials focused on helping students learn

- Built and maintained positive relationships with students to facilitate positive and effective educational experiences

- Evaluated students progress

- Performed WorkShops

SEN IT TECHNOLOGIE (Dakar - SN)

FULL STACK MERN DEVELOPER | JUNE 2021 – SEPTEMBER 2021

- Built an inventory and Sales Management Application with the MERN Stack (MongoDB, Express, ReactJS, NodeJS) and Bootstrap

- Project analysis

- Redacted functional and non-functional requirements

- Built Class, Use case and Sequence Diagrams

- Designed and Implemented the app using MERN Stack

REGIONAL HOSPITAL OF OUROSSOGUI (Matam - SN)

FULL STACK JAVA DEVELOPER | JUNE 2020 – SEPTEMBER 2020 (REMOTE)

- Designed a Hospital Management app for patients and medical records monitoring

- Built Beans classes (User, Appointment, Medicine, PatientsRecord, Consultation)

- Implemented DAO classes for all Beans

- Wrote sql database script to setup all tables and fill in default informations

- Built servlets for every JSP(Java Server Pages)

- Built JSP for every page of the application

CORE QUALIFICATIONS

- ReactJS
- NextJS
- TailwindCss | Chadcn
- TypeScript
- NodeJS
- ExpressJS | NestJs
- MongoDB | Postgresql
- Prisma | Mongoose | Sequelize
- Java, JavaEE, JSP, MVC
- MySQL

- Cloud Development (AWS)
- Infrastructure As Code (CloudFormation)
- CI/CD pipeline (Circle CI, Ansible, Prometheus)
- Microservices at Scale using AWS & Kubernetes(FaaS, AWS Lambda, Cloud9, Docker)
- Design Patterns
- SCRUM

EDUCATION

August 2022

Bachelor's degree | Software Engineering

École Supérieure Polytechnique de Dakar – Dakar, DK

- Software Process Engineering (Scheduled Processes, Agile Processes, SCRUM Methodology)
- Advanced DBMS (SQL, Transactions, Distributed DB, DB Management with ORACLE & MYSQL)
- XML, ES6, NodeJS, ExpressJs, MongoDB
- Design Pattern with Java (Factory-Method, Singleton)
- UML
- Algorithms
- Security Technologies, Cryptography (Encryption, Symmetrical and Asymmetrical Algorithms, Certificates, Metasploit)
- Project Management
- C language
- Network Administration (SSH, DNS, DHCP, FTP, TFTP, SMTP)
- Operating Systems (Mono-programming, Multi programming,Interruptions, Context Switching, Process Scheduling, Memory Management)
- Operational Research - Linear programming (Graphic & Simplex Methodologies)

2021	University Diploma of Technology | Computer Engineering

École Supérieure Polytechnique de Dakar – Dakar, DK

- A two year of intense learning
- Algorithms, Mathematics, Network Administration
- System Administration with Linux
- Database Administration with MySQL, ORACLE and PL/SQL
- Programming Language HTML, CSS, JavaScript, C, Java, JavaEE
- Communication

2017	Baccalauréat | S1 (Mathematics & Physics Specialities)

Lycée Seydina LimamouLaye – Dakar, DK

CERTIFICATIONS

- FULLSTACK MERN | GOMYCODE – 2021 click here to view
- CLOUD DEVOPS ENGINEER | UDACITY – 2023

LANGUAGES

- Wolof – First Language
- French – Proficient
- English – B1
- Arabic – Elementary