FATOU MANE NDIAYE

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PROFILE

In my previous roles, I have successfully delivered high-quality, user-friendly websites and web applications that meet both client requirements and industry standards. My attention to detail, problem-solving abilities, and collaborative nature have enabled me to work effectively in fast-paced environments and deliver projects on time and within budget.

WORK EXPERIENCES

Freelance Web and Mobile Developer - Appointment Management Application

Consi, Dakar, Senegal, 2024 - Actual

● Developed a mobile application with Flutter for patient management.

   - Extracted code from **Figma** designs.

● Integrated APIs for the following pages

   -Login

   -Registration

   -Profile and password recovery

   -List of nearest Health Facilities

   -Appointment search from the list

   -Appointment booking

● Redesigned website on **WordPress.**

● Integrated **SMS APIs** for user notifications using **Node.js.**

● Generated **OTP** code and performed verification of received code.

● Stored OTP in Redis.

● Verified code OTP.

Web and Mobile Developer - Interurban Transport Management Application

Saou Transport, Dakar, Senegal, 2022 - Present

● Developed the mobile application using **Ionic.**

● Compiled the app on **Xcode** for **iOS version**.

● Installed plugins with **Capacitor**.

● Redesigned the mobile application with **Ionic**.

- Added parcel management module in the web section using **Spring** and **Angular**.
- Deployed the mobile application on the **App Store**.
- Integrated payment APIs (**Wave** and **Orange Money**).
- Deployed the web application using **Docker**.
- Integrated another transport company's API to allow users to make reservations directly via our Application using **Java Spring Boot** and **Angular**.

Web and Mobile Developer - IoT Transport Application

Sn software, Dakar, Senegal, 2021-2022

- Designed the architecture.
- Created **microservices** and **gateway**.
- Designed interfaces and **integrated APIs** using **Java**, **Angular, Flutter**, **MySQL**, and **SQLlite.**
- Created statistics (number of tickets sold per month, daily revenue).
- Bus localization and status (ongoing, breakdown, etc.) on a **map**.

Font-end Developer-E-commerce Application

Sun Telecom, Dakar, Senegal, 2019

- Created user interface and integrated APIs using **Angular** and **Ionic**.
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EDUCATION

Master's Degree: Specialization in Web and Mobile Programming and Development,

Institut Sup 'info, Dakar-Senegal, 2019-2021

Bachelor's Degree: Specialization in Web and Mobile Programming and Development,

Institut Sup 'info, Dakar-Senegal, 2017-2019

Bachelor's Degree: Specialization in Computer Networks,

Institut supérieur informatique (ISI), Dakar-Senegal, 2015-2018

Driving license

SKILLS

- 4 years of work experience as a Java and Angular programmer.
- Proficient in MAVEN, JHIPSTER, LINUX, WINDOWS, MACOS, RESTful APIs, GITHUB, DOCKER, APP STORE, PLAY STORE, REDIS, Kafka, and WordPress.
- Programming and Framework skills: JAVA, ANGULAR, SPRING, HIBERNATE, JPA, IONIC, and FLUTTER.

● Designing and administering dynamic websites with JAVA WEB, HTML, XML, JAVASCRIPT, PYTHON, NODEJS, ANGULAR, and RESTful APIs.

● Proficient in database design with MySQL, POSTGRESQL, SQLITE, and ORACLE.

LANGUAGES

- French : Fluent
- English : Proficient