Papa Omar DIOP

Data Engineer | M2 Student

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🚗 Driving License (B)

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ABOUT ME

Passionate about acquiring new skills and as a main asset the speed of adaptation, I am a computer science engineer with a good command of areas focused on Data and Programming. I am looking for a **6 months** end-of-studies internship starting in **March 2025 anywhere in France**.

EXPERIENCES

Software Engineer | Intouch   Fev 2023 - Jan 2025 **(~ 2 years)**

- Involved GCP infrastructure implementation, optimizing ETL pipelines and building application architecture
- Designed and deployed scalable solutions reducing time-to-market
- Developed analytics solutions using cloud platforms and CRM tools
- Collaborated with marketing on data-driven initiatives and customer retention
- Achieved 120K customer growth and €2M revenue increase through data solutions

<u>Keywords:</u> **ETL (Extract, Transform, Load), Java, SQL, API, Docker, Google Cloud (GCP), Project Architecture, Data Processing, Git, Microservices**

Data Engineer | EPT - TeamX   Mar 2022 - Nov 2025 **(6 months)**

- Developed anomaly detection algorithms for production applications using log data and Machine Learning techniques
- Built data pipelines using Apache Spark and Kafka for real-time log processing and analysis
- Implemented ELK stack for log aggregation, processing, and visualization

<u>Keywords:</u> **Angular, NodeJS, API, Docker, AWS, NoSQL, BitBucket, Git**

Full Stack Developer | TeamX   Jan 2021 - Mar 2022 **(1 year 2 months)**

- Implemented CI/CD pipeline implementation for multiple projects, optimizing deployment workflows and reducing deployment time
- Developed scalable SaaS platform integrating sales and delivery APIs, improving system performance
- Implemented microservices architecture using Node.js and Angular, enhancing system modularity
- Designed and maintained RESTful APIs for seamless third-party integrations
- Managed technical development for entrepreneurship funding project
- Improved system monitoring and logging, reducing incident response time

<u>Keywords:</u> **Angular, NodeJS, API, Docker, AWS, NoSQL, BitBucket,**

EDUCATIONS

Master 2, Data and AI (DISS) Claude Bernard University Lyon 1

09/2024-NOW   FRANCE

Engineering Degree, Computer Science Ecole Polytechnique de THIES

09/2017-09/2022   SENEGAL

INTERESTS

Sport   Reading   Travel

LANGUAGES

🇫🇷 French (native, bilingual)

🇬🇧 English (full professional proficiency)

TOOLS & TECHNIQUES

Languages: Java, JavaScript, Python
Frameworks: Node Js, React, Angular, Restlet, Spring Boot, Django, Flask
API: Rest, Soap
Versioning, Containerization & CI/CD: Git, Jenkins, Bitbucket, Docker
Project Management: UML - Agile methodology
DBMS & Database: SQL, NoSQL, Neo4j, Elasticsearch
Cloud Services & Big Data: Apache Spark, Hadoop, Kafka, Google Cloud (GCP), Amazon Web Services (AWS)
Embedded systems: Arduino, Raspberry

ACHIEVEMENTS

- Machine Learning with Python
- Google Cloud Computing Foundation
- Cisco Routing & Switching Badge
- Cloud Practitioner (Coursera)
- IELTS Certification B2

ASSOCIATE LIFE

Project leader for the scientific and technical committee.
Vice-president in charge of an IT commission.
Vice-president in charge of seminars and conferences organized.
Vice-president in charge of the competitions and innovations commission....