

EDUCATION

- **ENSAM Casablanca** Casablanca
Master in Data Science; CGPA: 9.09 July. 2016 – May. 2019

EXPERIENCE

- **CGI Maroc** Rabat
Cloud Engineer Apr 2023 - Present
 - **Task 1:** Managed cloud security including IAM, VPC, and encryption configurations
 - **Task 2:** Implemented Infrastructure as Code using Terraform for cloud resource management
 - **Task 3:** Designed highly available and fault-tolerant cloud architectures
- **BMCE Bank** Casablanca
Cloud Engineer Jun 2020 - Oct 2022
 - **Task 1:** Managed cloud security including IAM, VPC, and encryption configurations
 - **Task 2:** Migrated on-premise infrastructure to AWS cloud reducing costs by 30%
 - **Task 3:** Implemented Infrastructure as Code using Terraform for cloud resource management
- **Maroc Telecom** Rabat
Data Engineer Feb 2018 - Jul 2020
 - **Task 1:** Built ETL pipelines processing millions of records daily using Apache Spark
 - **Task 2:** Developed data quality frameworks ensuring data accuracy and consistency
 - **Task 3:** Created data visualization dashboards for business intelligence using Power BI

PROJECTS

- **Learning Management System:** Built an online education platform with course management, video streaming, quiz system, and student progress tracking.
- **Real-time Chat Application:** Built a scalable real-time messaging application supporting group chats, file sharing, and video calls using WebSocket and Redis for message queuing.

SKILLS

- **Proficient:** PyTorch, Ruby, Node.js, Kafka, Go
- **Comfortable:** Microservices, Agile, Git, GraphQL, JIRA