

## EDUCATION

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

## EXPERIENCE

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- **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

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- **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

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