Khadija Mahmoudi

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PROFESSIONAL SUMMARY

Experienced Backend with 3+ years building scalable applications using Spark, Kafka, Git, PHP.

EDUCATION

- **Université Ibn Tofail** — Kenitra
  B.Eng in Computer Engineering; CGPA: 8.99 — *July. 2018 – May. 2021*

EXPERIENCE

- **Capgemini Maroc** — Casablanca
  Backend Developer — *Nov 2023 - Present*
  - **Task 1**: Architected and developed backend services using Python Django and PostgreSQL
  - **Task 2**: Developed message queue system using RabbitMQ for asynchronous task processing
  - **Task 3**: Implemented caching strategies with Redis reducing database load by 60%

- **Capgemini Maroc** — Casablanca
  Machine Learning Engineer — *Jun 2021 - Jun 2023*
  - **Task 1**: Deployed ML models to production using Flask and Docker containers
  - **Task 2**: Built recommendation systems using collaborative filtering and deep learning
  - **Task 3**: Implemented NLP solutions for text analysis and sentiment detection

PROJECTS

- **Learning Management System**: Built an online education platform with course management, video streaming, quiz system, and student progress tracking.
- **E-commerce Platform**: Developed a full-stack e-commerce platform with payment integration, product management, and order tracking using React and Node.js with PostgreSQL database.

SKILLS

- **Proficient**: NumPy, Spark, Python, Kafka, PHP

- **Comfortable**: DynamoDB, Git, SQL Server, GraphQL