Sofia Filali

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PROFESSIONAL SUMMARY

Full-stack oriented Machine Learning with strong expertise in SQL Server, Hadoop, NumPy, Django and modern DevOps practices.

EDUCATION

- **Université Ibn Tofail** — Kenitra
  B.Sc in Information Technology; CGPA: 9.2 — *July. 2018 – May. 2022*

EXPERIENCE

- **Sqli** — Casablanca
  Machine Learning Engineer — *Nov 2021 - Present*
  - **Task 1**: Implemented NLP solutions for text analysis and sentiment detection
  - **Task 2**: Developed ML models for prediction and classification achieving 90%+ accuracy
  - **Task 3**: Deployed ML models to production using Flask and Docker containers

- **Sqli** — Casablanca
  Software Development Engineer — *Jul 2020 - Feb 2021*
  - **Task 1**: Implemented CI/CD pipelines using Jenkins and Docker for automated testing and deployment
  - **Task 2**: Developed RESTful APIs for mobile and web applications with comprehensive documentation
  - **Task 3**: Optimized database queries reducing response time by 40% through indexing and query refactoring

- **Capgemini Maroc** — Casablanca
  Backend Developer — *Mar 2019 - Apr 2021*
  - **Task 1**: Implemented caching strategies with Redis reducing database load by 60%
  - **Task 2**: Developed message queue system using RabbitMQ for asynchronous task processing
  - **Task 3**: Architected and developed backend services using Python Django and PostgreSQL

PROJECTS

- **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.
- **Social Media Analytics Tool**: Implemented a social media monitoring tool with sentiment analysis, engagement metrics, and automated reporting using NLP.

SKILLS

- **Proficient**: NumPy, Django, Spark, Node.js, Hadoop

- **Comfortable**: Microservices, Git, SQL Server, REST API, Cassandra