

# Sofia Hamdaoui

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## PROFESSIONAL SUMMARY

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Experienced Software Development with 3+ years building scalable applications using Spring Boot, Kubernetes, RabbitMQ, SQL Server.

## EDUCATION

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- **ENSAM Casablanca** Casablanca  
*Master in Data Science; CGPA: 7.81*  
*July. 2018 – May. 2021*

## EXPERIENCE

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- **Orange Digital Center** Casablanca  
*Software Development Engineer*  
  - **Task 1:** Designed and implemented scalable microservices architecture handling 10K+ requests per second
  - **Task 2:** Optimized database queries reducing response time by 40% through indexing and query refactoring
  - **Task 3:** Implemented CI/CD pipelines using Jenkins and Docker for automated testing and deployment
- **Sql** Casablanca  
*DevOps Engineer*  
*Mar 2018 - Jul 2019*  
  - **Task 1:** Managed AWS infrastructure including EC2, S3, RDS, and Lambda services
  - **Task 2:** Automated deployment processes reducing deployment time from hours to minutes
  - **Task 3:** Implemented Kubernetes clusters for container orchestration and auto-scaling
- **Orange Digital Center** Casablanca  
*Cloud Engineer*  
*Sep 2015 - Apr 2017*  
  - **Task 1:** Designed highly available and fault-tolerant cloud architectures
  - **Task 2:** Managed cloud security including IAM, VPC, and encryption configurations
  - **Task 3:** Migrated on-premise infrastructure to AWS cloud reducing costs by 30%

## PROJECTS

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- **Banking Mobile App:** Created a secure mobile banking application with biometric authentication, transaction history, and fund transfer capabilities for iOS and Android.
- **Social Media Analytics Tool:** Implemented a social media monitoring tool with sentiment analysis, engagement metrics, and automated reporting using NLP.

## SKILLS

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- **Proficient:** Spring Boot, Kubernetes, Ruby, Terraform, Node.js
- **Comfortable:** SQL Server, PostgreSQL, REST API, RabbitMQ, JIRA