

FARHAT REKAYA

TECHNICAL CONSULTANT

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PROFILE

Technical Consultant with 2+ years in FinTech data environments, specializing in data architecture, financial flows, APIs/integration, business rules definition, and data replication/optimization. Hands-on experience blending analysis, architecture, and development for high-availability systems. Background in Software Engineering with focus on secure, scalable solutions using Oracle ecosystems, Python APIs, and data analysis for risk management.

TECHNICAL COMPETENCIES

- **Data & Databases:** Oracle Database 19c , SQL Server, MySQL, ClickHouse, MinIO, SQLite
- **APIs & Integration:** FastAPI (RESTful APIs), Swagger, middleware management
- **Programming & Frameworks:** Python (FastAPI, Django), JavaScript (Next.js), SQL, C, Java, .NET
- **DevOps & Tools:** Docker, Git, shell scripting, Power BI, KNIME
- **Methodologies & Other:** Agile/Scrum (JIRA, ZenHub), business rules implementation (automation, risk management), data analysis/optimization, high-availability architectures
- **Operating Systems:** Oracle Linux, Ubuntu, Red Hat, Windows Server

RECENT EXPERIENCE

Capital Banking Solutions <i>Technical Consultant</i>	Jan 2025 – Present Paris (Remote)
<ul style="list-style-type: none">- Managed backend infrastructure on Oracle Linux, ensuring high availability, security, and optimal database/application performance.- Automated deployments and environment provisioning using Docker, shell scripting, and CI/CD pipelines, reducing operational overhead and human error.- Monitored and optimized Oracle databases and middleware, implementing performance tuning, capacity planning, and proactive issue detection.- Secured infrastructure by configuring firewalls, managing SSL/HTTPS certificates, and applying hardening practices for network and application layers.- Troubleshoot and resolved critical production incidents across application, database, and networking layers, minimizing downtime and ensuring business continuity.- Collaborated with cross-functional teams on system upgrades, cloud migration strategies, and infrastructure scaling, contributing to long-term architectural roadmaps.- Drove DevOps practices across development and operations teams, standardizing release processes, automating monitoring, and ensuring disaster recovery readiness.	
OPTIMUM FINANCE <i>Software Engineer - Full-Stack Developer</i>	Jan 2024 – Jan 2025 Tunis
<ul style="list-style-type: none">- Engineered and deployed robust, scalable banking systems.- Developed full-stack applications using SQL, Python (FastAPI), Docker, and Next.js, enhancing user experience.- Conducted data analysis to optimize risk management strategies.- Collaborated with cross-functional teams to deliver high-quality software.- Automated deployment and continuous integration processes.- Optimized database queries, enhancing system performance and reducing query times.	

INNOFAB <i>Intern Software Developer</i>	Feb 2021 – Jun 2021 Monastir
<ul style="list-style-type: none">- Developed MakeTrust, a mobile app for review management using Flutter, ASP.NET, and SQL Server, enhancing user engagement while ensuring data integrity and privacy with secure backend services.	

EDUCATION

Monastir University <i>M.Sc. in Artificial Intelligence</i>	Sep 2021 – Oct 2023
<ul style="list-style-type: none">- Coursework: Natural Language Processing, Algorithmics and Complexity, AI Programming, Decision Support Systems, Data Analysis, Data Mining, Business Intelligence, System Analysis, and Engineering Systems.- Research: Fine-tuned and optimized machine learning models and participated in AI research projects.	
Monastir University <i>B.S. in Computer Science</i>	Sep 2018 – Jun 2021

- Coursework: Mathematics, Logical Systems, Algorithms and Object-Oriented Programming, Data Structures.
- Projects: Developed several applications and algorithms, enhancing practical skills in software development.

Certifications

- IBM - coursera - Data Science Specialization 2023
- University of Michigan - Python Specialization 2022
- IBM - Introduction to Agile Development and Scrum (2022)