

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

Jan 2025 – Present

Technical Consultant

Paris (Remote)

- 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

Jan 2024 – Jan 2025

Software Engineer - Full-Stack Developer

Tunis

- 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

Feb 2021 – Jun 2021

Intern Software Developer

Monastir

- 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

M.Sc. in Artificial Intelligence

Sep 2021 – Oct 2023

- 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

B.S. in Computer Science

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)