Rym CHALLOUF

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PROFILE

Information Technology (IT) student specialized in Information Systems Development, passionate about application creation and technical problem-solving. Curious and proactive, I constantly seek practical projects to strengthen my programming and software design skills. My goal is to grow as a developer and contribute to innovative projects.

EDUCATION

Bachelor's Degree in IT Technologies   **2023 - Present**
ISET Sousse

Experimental Sciences Baccalaureate   **2022 - 2023**
Lycée Tahar Sfar, Sousse

PROFESSIONAL EXPERIENCE

Optional Internship - Monitoring   **August 2025 - September 2025**
L2T (Landolsi Telecom Technology)

- **Tasks:**
  - Implementation of a complete monitoring system for Windows and Ubuntu environments
  - Deployment and orchestration of services via Docker
  - Configuration of Prometheus for system metrics collection
  - Creation of dynamic dashboards and personalized alerts with Grafana
- **Technologies used:** Docker, Prometheus, Loki, Grafana, Ubuntu, Windows

Advanced Training Internship   **January 2025 - February 2025**
L2T (Landolsi Telecom Technology)

- **Tasks:**
  - Development of a complete web interface for the Jasmin SMS Gateway system
  - Management of SMPP/HTTP connectors and configuration of messaging routes
  - User administration and system statistics visualization
- **Technologies used:** Python, Jasmin SMS Gateway, SMPP/HTTP, Py4Web

Initiation Internship   **January 2024 - February 2024**
Municipality of Sousse

- **Tasks:**
  - Design and development of a multilingual website for the Municipality of Sousse
  - Integration of essential plugins for administration and content management
  - User experience optimization for intuitive navigation
  - Website hosting and deployment
- **Technologies used:** WordPress, MySQL, FileZilla, InfinityFree

PROJECTS

Intelligent CV Sorting Platform   **2025**

- **Description:** Intelligent system for matching CVs with job offers
- **Features:**
  - Automatic skill extraction and comparison via NLP
  - Interactive user interface for match visualization

– Scoring system for automatic candidate ranking based on relevance
- **Technologies used:** FastAPI, SQLAlchemy, React, NLP Model, PostgreSQL

Veterinary Management Application 2025

- **Description:** Complete veterinary clinic management application
- **Features:**
  – Management of consultations and animal medical records
  – Veterinarian administration and appointment scheduling
  – Patient follow-up and complete medical history
- **Technologies used:** Spring Boot, MySQL, Thymeleaf, Tailwind

University Management Platform 2025

- **Description:** Web-based academic management platform
- **Team:** 4 people
- **Features:**
  – Multi-actor system (Superadmin, Admin, Professor, Student) with hierarchical permissions
  – Management of university application lifecycle (submission, validation, rejection)
  – Administration of timetables, classes, and professor-student assignments
  – Personalized spaces with role-adapted dashboards
  – "AI Quiz" module: course document upload with automatic personalized quiz generation via Gemini API
  – Website hosting and deployment
- **Technologies used:** Express, React, PostgreSQL, JWT, InfinityFree, Render, Jira
- **Methodology:** Project management with Scrum

Restaurant Order Management Application 2025

- **Description:** Mobile application for restaurant order management
- **Features:**
  – Management of entities: MenuItem (items), Order (orders), Table (tables)
  – Order creation with item addition/removal
  – Automatic bill calculation and payment management
  – Daily revenue summary with sales statistics
  – Intuitive interface for service staff
- **Technologies used:** Flutter, Dart, Supabase

TECHNICAL SKILLS

Programming Languages

Java, Python, HTML, CSS, JavaScript, SQL

Databases

MySQL, PostgreSQL, Supabase

Frameworks & Libraries

Spring Boot, Angular, React, FastAPI, Flutter

Monitoring & DevOps Tools

Prometheus, Grafana, Promtail, Loki, NodeExporter, WindowsExporter, Docker

Environments & Development Tools

Ubuntu, Git, Jira (learning), Power BI (learning)

Languages

French, English