

# Taleb El Mokhtar Mine

Web and Mobile Developer

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LinkedIn GitHub

## Professional Summary

Motivated web and mobile developer with experience in backend and frontend development acquired through academic and professional projects. Specialized in HPC infrastructures and distributed computing, ready to take on new challenges in a dynamic environment.

## Professional Experience

### Software Developer (Internship)

*Project*

- Annual procurement plan management application using Spring Boot and Angular

May 2024 - July 2024

Nouakchott

### Software Developer (Internship)

*Mauritel*

- Web application for intern management using PHP, Bootstrap, JavaScript

July 2023 - August 2023

Nouakchott

## Academic and Personal Projects

### Slurm Cluster Setup and Optimization for Large Language Models

Final Year Project - 2024/2025

*HPC Infrastructure - ISCAE*

- Network configuration with 11 machines (1 master + 10 compute nodes) Ubuntu Server 22.04
- Slurm deployment with Munge, MySQL, Prometheus/Grafana monitoring
- Validation with distributed NanoGPT model

### Urban Incident Reporting Mobile Application

March 2025 - Present

*Complete mobile application*

- Urban incident reporting with real-time geolocation
- Citizen/admin interfaces, offline mode, multilingual FR/AR
- Flutter, Django REST, GetX, Google Maps, JWT

### Recipe Management Mobile Application

January - February 2025

*Flutter/Supabase*

- User account management, recipe addition/modification, admin validation system

### Invoice Management Application

February - May 2024

*PHP/MySQL*

- Stock and customer management with detailed invoice generation

### AutoMobile Application

November 2023 - February 2024

*Flutter/Django*

- Mobile application for online automotive advertisement publishing

## Education

### Bachelor's in Computer Networks and Telecommunications

2025

*Higher Institute of Accounting and Business Administration*

Nouakchott

### Baccalaureate C (Science)

2022

*El'Khiyar School*

Nouakchott

## Technical Skills

**Languages:** Java, Python, JavaScript, C#, PHP, C

**Mobile:** Flutter

**HPC & DevOps:** Slurm, Ubuntu Server, Prometheus, Grafana

**Tools:** Git, GitHub, SSH, NFS

**Frontend:** TypeScript, React, HTML, Bootstrap, CSS

**Backend:** Spring Boot, Laravel, Django, J2EE, FastAPI

**Databases:** MySQL, Firebase, Supabase, Oracle

## Languages

**Arabic:** Native language    **French:** B2 level    **English:** Intermediate level