

Sid Mohamed Elarbi

Software Developer

Nouakchott, Mauritania

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Professional Profile

Passionate software developer with a strong background in programming, finance, and emerging technologies. Experienced in building trading bots using historical data analysis and technical indicators. Proficient in web and mobile application development, with additional exposure to telecom network testing and blockchain technologies.

Education

2021 – 2024

Bachelor's in Computer Science (Internet and Intranet Administration and Development)
University of Nouakchott, Faculty of Sciences and Technologies, Mauritania

2018 – 2021

High School Diploma – Science Track (SN)
Lycée de Néma, Mauritania

Professional Experience

2025 – Present

Intern – Drive Test Engineering, Huawei

- Performed network coverage testing on 2G, 3G, and LTE technologies.
- Analyzed and optimized network performance.
- Contributed to telecom infrastructure improvement.

2023 – 2024

Application Developer

- Built a hotel booking app using **Flutter and Dart**.
- Developed a football club management tool using **JEE**.
- Created a quiz app using **PHP, HTML, CSS, JavaScript**.
- Developed a document management system using **Django** for Syskat Technology.
- Built trading bots using **Python** and crypto exchange APIs.
- Designed and optimized trading strategies using technical analysis and prediction algorithms.

2022 – 2023

Web Development Intern

- Optimized SQL databases for improved query performance.
- Built interactive dashboards for data visualization.

Technical Skills

- **Programming Languages:** C, C++, Python, Java, JavaScript, PHP, Dart
- **Web Development:** HTML, CSS, JavaScript, PHP, Django, React.js
- **Mobile Development:** Flutter, Android Studio
- **Systems & Networking:** Debian, Ubuntu, Windows, Network Administration
- **Databases:** MySQL, Firebase, Supabase, SQLite
- **Finance & Trading:** Technical analysis, algorithmic trading, crypto portfolio management
- **Blockchain:** Smart contracts, consensus protocols, digital asset security

Projects

- **Automated Trading Bot** – Developed with Python using Binance API; strategies based on technical indicators and trend predictions.
- **Hotel Booking Application** – Real-time booking with payment integration (*Flutter, Dart*).
- **Football Club Management App** – Player performance tracking (*JEE*).
- **Document Management System** – Secure online file storage and sharing (*Django*).

Languages

- **Arabic:** Native
- **French:** B2
- **English:** A2
- **German:** A1

Interests

- Software development and programming
- Financial market analysis and trading
- Artificial intelligence and machine learning
- Blockchain and digital asset security
- Football and sports events participation
- Creating and selling digital paintings