

# MOHAMED AMINE SALAH

## PROFILE

Software Engineer with 6 years of expertise, of which 3 were professional where I worked on production-level systems. Skilled in Full Stack Development (Node.js, React.js, Next.js, PostgreSQL, Docker). Focused on scalability, reliability, and optimization, ensuring efficient and resilient software solutions.

## EMPLOYMENT

● **IP-LABEL** 06/2022 - PRESENT

Full Stack Developer

### Cybersecurity Platform - Penetration Testing as a Service (PTaaS)

- Lead the development team to build a microservice based system.
- Adhering to technical specifications.
- Kept clients informed of technological threats using **vulnerability scraper**.
- Implemented customizable security tests.
- Ensured high availability and scalability of the platform.
- Dockerized the platform for easy installation.

### Multicloud resource management

- Developed a dashboard to ensure effective resource monitoring.
- Used and compared services across major cloud platforms (**AWS, Azure, Google Cloud, Alibaba**).
- Monitored and analyzed cloud resource costs via **provider APIs**.
- Implemented **geolocation system** to locate resources geographically.
- **Automated** finding **nearest resource** to **client needs**.

### Application Performance Monitoring - Ekara

- Contributed to the development of the Ekara application performance monitoring service.
- Optimized performance calculation SQL queries using **PostgreSQL**.
- Extracted actionable insights from large data sets using **PostgreSQL**.

### Load Testing & System Performance

- Assessed websites performance limits.
- Used **Selenium** to simulate real users' behaviour.
- Identified system bottlenecks.
- Assisted clients websites **performance improvement**.

### Data Lake & Data Aggregation

- Implemented a data lake architecture to aggregate data using **Clickhouse**.
- Implemented access control (RBAC) for data security.
- Reduced storage size by **60%**.

### Dashboards & Data Visualization

- Implemented **JIRA KPIs** monitoring dashboard based on real performance
- Created a **Grafana** dashboard to monitor **Ekara's performance and SLAs**
- Compared and benchmarked multiple visualisation tools (**Grafana, Metabase, Apache Superset**)

## INTERNSHIPS

● **LODEEP (End of Studies Internship)** 01/2022 - 06/2022

Full Stack Developer

- Designed and developed a feature-rich admin panel
- Data analysis and generation of platform KPIs



## CONTACT

☎ +21699896545

✉ salahmedamin2019@gmail.com

📍 Tunis, Tunisia

🌐 <http://linkedin.com/in/aminsalah>

🔗 <http://github.com/salahmedamin>

🌐 <http://mohamedaminesalah.com>

## EDUCATION

09/2019 - 06/2022

FACULTY OF SCIENCES TUNIS EL  
MANAR

Computer Science Bachelor

## SKILLS

Project Management

Problem Solving

Teamwork

## LANGUAGES

Arabic ●●●●

English ●●●●

French ●●●●

## KEYWORDS

Javascript Typescript HTML CSS  
ReactJS NextJS NodeJS Docker  
ExpressJS PostgreSQL Clickhouse  
MongoDB RESTful Microservices  
Frontend Backend Full-Stack