SAKHR Niama
Software & Data Engineer

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Passionate engineering student with strong skills in **Full-Stack Development**, **DevOps** and **Data Engineering**. Experienced in modern applications, microservices architecture, CI/CD automation and Big Data pipelines. Seeking challenging opportunities to apply technical expertise in innovative projects.

Education

ENSA El Jadida — Engineering Degree in Computer Engineering   2023 – Present
CPGE Moulay Al Hassan — Preparatory Classes for Engineering Schools (Maths & Physics) 2021 – 2023

Professional Experience

Full Stack Developer Intern — GMD, Tangier   Summer 2025
Developed **StageLink**, an internship management platform with job offers, tracking, chatbot, and NLP-based CV matching. *React.js, Spring Boot, MySQL, Python, Rasa*

Web Developer Intern — GMD, Tangier   Summer 2024
Built an inventory management web app with responsive UI and automated reporting. *React.js, C# .NET, SQL Server*

Technical Projects

- **Emotion Detection Mobile App** — Android application for real-time facial emotion recognition integrated with therapeutic chatbot functionality. *(Android, Python, Spring Boot, Machine Learning APIs)*

- **Exam Management System with Facial Recognition** — Comprehensive exam platform with automated attendance tracking via facial recognition and intelligent scheduling algorithms. *(Python, Laravel, OpenCV, React)*

- **WebApp Navigator (Mobile/TV)** — Cross-platform React Native application with WebView navigation capabilities and television/remote control support. *(React Native, Expo, JavaScript)*

- **ExcelliaBourse Scholarship Platform** — Full-stack scholarship management system implementing CI/CD pipelines. *(Microservices, AWS, Docker, Kubernetes, Terraform, Ansible)*

Technical Skills

Programming Languages	Java, Python, JavaScript, SQL
Web Development	React.js, Next.js, Spring Boot, REST APIs
Mobile Development	React Native, Android Native, Expo
Databases	MySQL, PostgreSQL, MongoDB, SQL Server
Data Engineering & BI	Power BI, Talend, Pentaho, Qlik
Big Data Technologies	Hadoop, Apache Spark, Kafka
DevOps & Cloud	Git, Jenkins, Ansible, Terraform, Docker, Kubernetes, AWS

Certifications

AWS Academy Cloud Foundations • AWS Developer – Associate • AWS Solutions Architect – Associate

Languages

Arabic (Native)   French (Fluent)   English (Fluent)