



BENHAMOUCHE KOUSAILA

SOFTWARE ENGINEER - BACKEND SPECIALIST

PROFILE

Backend Developer and Systems Engineering student specializing in scalable web applications and DevOps practices. Experienced in building enterprise-grade APIs with Node.js/Express.js, microservices architecture, and containerized deployments. Proven track record leading development teams and delivering production-ready solutions. Seeking a Backend Developer or DevOps Engineer position to contribute technical expertise to innovative technology projects.

PROFESSIONAL EXPERIENCE

Network Systems Engineer Intern | Algérie

Télécom | Oran, Algeria

11/ 09/ 2023 au 30/ 09/ 2023

PROJECTS

DevOps Engineer & Research Lead

TechMart E-commerce Platform: GitOps

Research Project 2025

- **Technologies** : Kubernetes, Docker, ArgoCD, GitOps, CI/CD, Microservices

Team Lead & Backend Developer

E-Social-Assistance 2023

- **Technologies** : Node.js, Express.js, React, MySQL, Cloud

Backend Developer

Mobile Tourism Application 2022

- **Technologies** : Java, Node.js, Express.js, MongoDB

IoT & mobile Developer

Fleet Management System 2024

- **Technologies** : Flutter, MQTT, WebSocket, Real-time data processing, Arduino integration

CONTACT

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📍 Algérie, Oran

🌐 www.linkedin.com/in/kousaila-benhamouche

TECHNICAL SKILLS

- **Programming Languages** : Java, JavaScript, Node.js, Python, C/C++, Bash Scripting.
- **Operating Systems & Cloud** : OS Fundamentals, Cloud Computing, Linux.
- **SGBD**: PostgreSQL, MySQL, MongoDB, Redis, Cassandra, Database Optimization.
- **API Design**: REST APIs, JSON/XML Processing, Authentication (JWT, OAuth)
- **Containerization**: Docker, Container Orchestration, Kubernetes.
- **CI/CD**: Git/GitHub, GitLab CI/CD, GitHub Actions, Automated Testing, Pipeline Automation.
- **Security**: Network Security, SSL/TLS, Firewall Configuration.
- **Testing & Documentation**: Postman, Swagger, Unit Testing, API Documentation.
- **Frameworks**: Express.js, RESTful API Development, Microservices Architecture

EDUCATION

■ HIGHER SCHOOL OF COMPUTER SCIENCE OF SIDI BEL ABBES (ESI-SBA) 2020 - PRESENT

- Dual Degree: Engineering & Master's

■ AHMED BENABDABDERREZAK HIGH SCHOOL 2020

- Mathematics Baccalaureate

LANGUAGES

- French.
- English.
- Arabic