



Ahmed Sabri

Software Engineer

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Summary

Dedicated developer with extensive experience in **Java and Python backend development**, Linux system administration, and containerization technologies. Strong foundation in network protocols and infrastructure automation. Eager to leverage my technical background while expanding knowledge into cloud technologies and infrastructure as code tools.

Education

1337 Coding School – Computer Science

October 2022 - Present

khouribga, Morocco

Computer Science

- Peer-to-peer learning model with a focus on full-stack development and systems programming
- Mastered tools like Docker, Nginx, PostgreSQL, Bash, and Git
- Gained deep experience in backend development using Java and Python
- Demonstrated strong ability to learn autonomously and solve real-world problems

Projects

AI ChatBot – Backend

- <https://github.com/ahmeedsabrri/AI-ChatBot>
- Developed an AI chatbot backend using **Spring Boot** with **JWT** and Google OAuth2 authentication
 - Implemented channel-based conversations, paginated message history, and message search
 - Integrated OpenRouter's API for AI responses;
 - Documented the API using **OpenAPI/Swagger**

ft_transcendence – Full-Stack Web Application

- <https://github.com/ahmeedsabrri/42-trancendence>
- Built backend services in **Python**, enabling real-time features via WebSockets
 - Integrated **PostgreSQL**, **Redis**
 - Secured the system using **HashiCorp Vault** for secret management
 - Implemented monitoring using **Kibana** and containerized all services with **Docker Compose**

Inception – Infrastructure Project

- <https://github.com/ahmeedsabrri/INCEPTION-42>
- Designed a multi-service infrastructure using **Docker** and Docker Compose
 - Created custom Docker images; automated configuration using **Bash** and **Python**
 - Configured **Nginx** as a reverse proxy with **SSL/TLS** and managed service networking

born2beroot – System Administration Project

- Set up and hardened a Linux system from scratch, applying strict security policies
- Configured **SSH** access, **UFW** firewall rules, and custom monitoring scripts
- Automated user and system tasks using Bash and documented the full setup

Skills

Programming

Java, Python3, Bash/sh scripting, JavaScript, C/C++, Problem Solving

Systems & Tools

Linux administration, Docker, Docker Compose, Git

Databases

Redis, PostgreSQL, Elasticsearch, MariaDB, H2 (in-memory)

Web Infrastructure

Nginx, backend communication protocols, Kibana, OpenAPI/Swagger