

Ibrahim Boubakri

Full-Stack Developer | DevOps | AI Integration

Quebec, Canada | ibrahimboubakri1@gmail.com | github.com/boubakriibrahim | linkedin.com/in/ibrahimboubakri

Full-stack software developer working across frontend interfaces, backend APIs, services, data and delivery pipelines. Recent work combines software architecture, DevOps automation and pragmatic AI integration, with a focus on understandable, deployable systems.

EXPERIENCE

Full-Stack Developer - Architecture, DevOps & AI Integration - Modular AI Platform (2024 - Present)

Built modular backend services, workflow orchestration, data management, observability and AI/LLM integration. Designed FastAPI APIs, containerized environments, CI/CD workflows, RAG-style retrieval and MCP-compatible tool/service interfaces.

Software Developer - DevOps & Automation - PRIMATEC Engineering (2023 - 2024)

Worked on software delivery, automation, containerized environments and production-oriented tooling.

Full-Stack Development Intern - Hydrogen Research Institute (2023)

Contributed to a real-time data platform using microservices, MQTT, APIs, data processing and visualization.

SELECTED PROJECTS

Modular AI Platform - Python, FastAPI, Docker, CI/CD, RAG, MCP, observability and orchestration.

Hydrogen Data Platform - Microservices, MQTT, data pipelines, APIs and visualization.

HackZone Tunisia X - CTF infrastructure, Linux, monitoring and security operations.

SKILLS

Frontend: React, JavaScript, responsive UI **Backend:** Python, FastAPI, REST APIs, Node.js **Data:** SQL, MongoDB, MQTT **DevOps:** Docker, Kubernetes, GitLab CI/CD, Jenkins, Linux, Git, observability **AI integration:** PyTorch, OpenCV, RAG, MCP, GenAI workflows

EDUCATION

M.Sc. Electrical Engineering - Computer Engineering concentration, UQTR (2024-2026) | Engineering Degree, ENSI (2020-2023)