

Hadi Tahini – Software Engineer

📍 Lyon | 🌐 Portfolio | 🔗 LinkedIn | ✉️ haditahini20@gmail.com | 📞 +33 6 62 53 68 07

👤 Profile

Results-oriented and proactive Software Engineer with over two years of software development experience and a Master's degree in Cyber-Physical and Social Systems (IoT, AI, and System Design). Skilled in backend and full-stack development, cloud, and DevOps, with experience building scalable applications, CI/CD pipelines, Docker-based solutions, and IoT systems.

🏢 Professional Experience

Freelance Oct 2024–Present

Software Developer and DevOps

- Prospecting for potential clients using various tools to identify high-value opportunities
- Development of customized software solutions for startups and companies with Java, Spring Boot and Vue.js
- Management of complete project lifecycle: requirements gathering, frontend/backend development
- Application containerization with Docker and deployment on cloud services
- Implementation of secure REST APIs, authentication with Spring Security and MySQL database integration

Eurofins, Nantes Feb 2024 - Aug 2024

Software Developer

- Backend performance optimization in .NET with REST API integration tested via Swagger and Postman
- Successful migration from Angular 14 to 16 with compatibility issue resolution and UI redesign
- Implementation of Hangfire for scheduled tasks and background processing
- Deployment of automated tests with Playwright and unit tests with MSTest (95% coverage)
- Implementation of CI/CD pipelines in Azure DevOps with deployment via Octopus
- Integration of OIDC authentication and favorite project management via secure SQLite
- Working in Agile (Scrum), collaborating with the team, project manager and product owner

Menta SAS, Sophia Antipolis Apr 2022 - Aug 2022

Software Engineer

- Design and development of a license management web application, reducing manual processes by 95%
- UML modeling of system architecture and workflows following requirements analysis
- Creation of a responsive interface with HTML5, CSS3, JavaScript ES6 and Bootstrap 5
- Backend development in PHP with MariaDB, secured against XSS attacks and SQL injections

🎓 Education

École des Mines de Saint-Étienne Aug 2021 - Aug 2024

Master's in Cyber-Physical and Social Systems

Courses: IoT, AI, multi-agent systems, web, system design, testing, digital twin, cyber security

Lebanese International University Sep 2018 - Jul 2021

Bachelor's in Computer Science

Courses: Java, digital logic, web development, software engineering, networks, NLP, data analysis

⚙️ Technical Skills

Languages: JavaScript/TypeScript • Java • Python • PHP • C++ • HTML5/CSS3 • SQL
Frameworks: Spring Boot • .NET Core • Laravel • Angular • Vue.js • React • Playwright
DevOps: Docker • Kubernetes • Ansible • Git • CI/CD (Azure DevOps/Jenkins) • Octopus Deploy
Databases: MySQL • MariaDB • SQLite • MongoDB • SQL Server
Cloud: AWS (EC2, S3, Lambda) • Azure (App Services, Functions)

🔧 Technical Projects

- Development of an intelligent building management system (Spring Boot/Vue.js) integrating external APIs
- Implementation of IoT protocols (LoRaWAN, 6LoWPAN) on ESP32 with MicroPython
- Development of a COVID tracking platform with hospital statistics and WHO guidelines (Vue.js/PHP/Java/MySQL)
- Design of an algorithm for an intelligent bus transport system

🗣️ Languages

Arabic (fluent)
English (fluent)
French (intermediate)

🌟 Certifications

Cisco CCNA1 & CCNA2
IT Essentials
Introduction to Cybersecurity

❤️ Interests

Chess | Reading | Music | Swimming