

Amal Nahdi

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Summary

Software engineering student (bac+5), passionate about creating innovative solutions and managing complex projects. Expertise in Full Stack development, DevOps, and microservices, with proven skills in Symfony, PHP, Vue.js, Angular, Spring Boot (Java 17), Docker, and CI/CD. Strong ability to transform technical diagrams into scalable and maintainable solutions.

Technical Skills

- **Languages:** PHP, JavaScript, TypeScript, Java, Python, HTML, CSS.
- **Frameworks & Tools:** Symfony, Angular, React.js, Vue.js3, Spring Boot, Laravel, Node.js, Git, Swagger, Postman.
- **DevOps:** Jenkins, Docker, Prometheus, Grafana, CI/CD.
- **Databases:** MySQL, PostgreSQL, MongoDB, SQLite.
- **Architectures & Methodologies:** REST APIs, Microservices, Eureka, Gateway, Keycloak, Agile (Scrum), Unified Process, Testing (Unit, E2E).
- **Technologies:** UML, CI/CD.

Key Projects

- **Event Management (DevOps Project)** Created a DevOps project integrating Jenkins, Docker, Prometheus, and Grafana.
Automated CI/CD pipelines with Jenkins for continuous deployment.
Monitored services using Prometheus and Grafana interactive dashboards.
- **Ski Management (Microservices Project)** Developed a ski management system with Spring Boot, Angular, and Node.js.
Used Eureka as a discovery server and gateway for microservice management.
Implemented Keycloak for security and secure APIs with Angular.
- **Pidev: Carpooling Application** Built a carpooling app with Symfony, Java, and Codename One.
Managed trips, users, and reservations with an intuitive mobile interface.
Synchronized data between Symfony backend and mobile client through a secure API.
- **Data Governance Portal (Feb 2024 – May 2024)** Created a platform using Spring Boot, Angular, and MySQL for metadata and data compliance management.
- **Restaurant Mobile App (Sept 2024 – Oct 2024)** Developed an Android app with Java and SQLite, featuring modern UI/UX.
- **University Residence Management System (Oct 2023 – Dec 2023)** Designed a back-end with Spring Boot, vue.js and documented APIs using Swagger.

Experience

Skillware | Sousse, Tunisie

Stagiaire en Développement

Intern – Developer (Feb 2022 – Jun 2022)

- Developed an AI-powered recruiter-employee matching system using Laravel and Python.
- Created structured back-end systems from UML and BPMN diagrams.

Evosec | Sousse, Tunisie

Stagiaire en Développement Front-End

Intern – Front-End Developer (Jul 2023 – Aug 2023)

- Built dynamic front-end interfaces based on design diagrams with Laravel.
- Collaborated with back-end teams to align features with client needs.

IPACT Consulting | Québec, Canada

Ingénieure Stagiaire

Engineer Intern (Jun 2024 – Aug 2024)

- Designed and developed a real estate management system with Spring Boot and Angular.
- Transformed UML and BPMN diagrams into modular, scalable code.

- Conducted unit and integration testing to ensure software quality.

Education

- **Engineering Degree in Software**
ESPRIT – Ariana, Tunisia | Expected: June 2025
- **Bachelor's in IT Technologies**
ISET Sousse – Sousse, Tunisia | June 2022

Skills

Web solutions development, DevOps, microservices.

Languages

- French: Fluent
- English: Advanced
- Arabic: Native
- Italian, German: Basic knowledge.