Zakaria BOUNOU

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Profile

- Software engineer specializing in the development of business-critical applications and the modernization of legacy architectures. Expert in REST API design and containerized service orchestration, I support the digital transformation of the logistics and transport sectors through scalable, maintainable solutions.

Professional Experience

Creadoc for School **France**
Software Engineer *September 2026 - Present*

- **Full-stack development** of web applications for the education sector, meeting the business needs of schools and their teams.
- **Development and integration** of REST APIs and business modules, connecting the platform's services to its data environments.
- **Code quality and reliability**: focus on maintainability through review practices and continuous improvement of the existing codebase.

La Voie Express **Morocco**
Software Engineer - Full-stack Developer *July 2025 - August 2026*

- **Design and deployment** of critical modules for tracking, logistics and automated billing, optimizing the company's operational flow.
- **Architecture and development** of high-performance REST APIs with Laravel (PHP) and Flask (Python), integrated into complex MySQL and SQL Server data environments.
- **Development of high-fidelity control interfaces** with React and Vue.js, enabling real-time visualization of business data for operational teams.
- **Orchestration and maintenance** of internal tools (VexToolbox, VexBalance) within a containerized ecosystem (Docker, Kubernetes) with Nginx and Gunicorn servers.
- **Securing of the application infrastructure** through the implementation of JWT and OAuth / Sanctum protocols, strengthening the protection of sensitive data.
- **System modernization**: progressive migration of legacy services to modern standards to increase reliability and deployment speed.

Royal Society for the Encouragement of the Horse (SOREC) **Morocco**
Spring Boot Developer - Graduation Internship *February 2024 - July 2024*

- Development of a vehicle fleet management application in Java / Spring Boot.
- Design of secure REST APIs with JWT and data management via JPA.
- Contribution to frontend development with Angular and Thymeleaf.
- Participation in application deployment with Docker.

Provincial Hospital Center - Hassani Al Nador **Morocco**
PHP / Symfony Developer - Internship *June 2022 - August 2022*

- Development of a patient record management application.
- Creation of backend modules with Symfony / MySQL.
- Development of web interfaces in HTML5 / Bootstrap.

EDUCATION

University of Corsica **France**
Master's Degree in Full-stack Development - 1st year, in progress

Private University of Fez **Morocco**
State Engineer in Computer Science

SKILLS

Skills: Backend & APIs: Expertise in PHP (Laravel, Symfony), Python (Flask), and Java (Spring Boot) | **Frontend:** Development of reactive interfaces with React, Vue.js and Angular; command of Tailwind CSS and Bootstrap | **Cloud & DevOps:** Command of containerization (Docker, Docker Compose) and Kubernetes orchestration; management of Nginx and Gunicorn servers. | **Data & Security:** Management of relational databases (MySQL, SQL Server) and implementation of security standards (JWT, OAuth, Sanctum). | **Tools & Methodologies:** Command of Git, Bash, and Linux environments; agile work through the Scrum and Kanban frameworks.