MOHAMED AGOUMI
FULL STACK DEVELOPER

agoumi.mohamed@outlook.com | +212671881131 | Nationality: Moroccan | DOB: 27/06/1999 |Casablanca, Morocco

https://www.linkedin.com/in/magoumi/ | **https://github.com/M-Agoumi/**

Profile Summary

Senior PHP Backend Engineer with 5+ years building scalable e-commerce and enterprise solutions. Proven expertise in developing robust APIs for high-traffic marketplaces and modernizing legacy systems serving thousands of users. Google Cloud certified with extensive experience in containerized environments, microservices architecture, and cross-functional team collaboration. Passionate about e-commerce innovation and ready to contribute to Germany's fastest-growing online marketplace. Open to Relocating to Germany with Blue Card eligibility.

Professional Skills

Programming Languages : PHP 8, JavaScript, TypeScript, Go, C/C++
Backend Frameworks   : Symfony 5/6, Laravel, go-chi
Frontend Technologies   : React, Next.js, HTML5, CSS3, Tailwind CSS
Databases   : MySQL, MariaDB, PostgreSQL, Redis, CouchBase
Cloud & DevOps   : Google Cloud Platform, AWS, Kubernetes, Docker, GitHub Actions
Development Tools   : Git, Jira, ClickUp, SonarQube, PHPStan

CORE COMPETENCIES

Technical Leadership: Code review management, mentoring junior developers, technical decision-making
Problem Solving: Legacy system modernization, performance optimization, security vulnerability resolution
Communication: Client requirement assessment, technical documentation, stakeholder presentation
Quality Assurance: Unit testing implementation, code quality enforcement, GDPR compliance

Education

1337 IT School (42 Network) IT Architect Program   *2018 – 2023*
Rigorous peer-to-peer learning program focused on software engineering fundamentals, algorithms, and system design.

Training and Certificates

Certificates:
- **Associate Cloud Engineer Certification - Google**
- **Symfony 5 - Udemy**
- **Fundamentals of Backend Engineering - Udemy**

Trainings:
- **PHP Symfony 5 - SQLI**
- **PHP Spryker - SQLI**
- **PHP Magento - SQLI**
- **Training in Workplace First Aid and Rescue - Dedalus**

Work Experience

Senior Full Stack Developer - Dedalus - Casablanca (Hybrid)   *May 2024 - Present*

- **Project: Kalisil**

  o Developed GDPR-compliant features and updated data handling processes to ensure regulatory adherence to sensitive healthcare data.

  o Migrated core platform from PHP 7.1 to 8.2, improving maintainability and delivering measurable performance gains across critical modules.

  o Refactored legacy JavaScript (jQuery) components to native JS, reducing page load time by 55% and enhancing UI responsiveness.

  o Built and optimized new features for laboratory resource management, including scheduling, patient workflows, and analysis tracking.

  o Conducted daily code reviews to enforce quality standards, ensuring cleaner and more maintainable code in a large-scale, legacy system.

- **Technologies:** PHP, MySQL, JavaScript, tailwind, Git, Jira

Symfony Developer - Mobiblanc - Casablanca (Hybrid)   *August 2023 - Feb 2024*

- **Project: Orange Et Moi**
  - o Successfully integrated and supported the latest mobile app version 9.0, ensuring compatibility and enhancing user experience.
  - o Introduced new payment methods (scratch cards, user balance), diversifying transaction options.
  - o Implemented a support ticket system, enabling users to efficiently resolve queries.
  - o Integrated a review feature for app services, fostering user feedback.
- **Technologies:** PHP, Symfony (1, 2), MySQL, Redis, WebPack, Bootstrap, Javascript, jQuery, LDAP, Git, Jira
- **Project: Moov Gabon B2B**
  - o Addressed security vulnerabilities related to permissions, enhancing overall security.
  - o Strengthened security with Two-Factor Authentication (2FA) and removal of hard-coded credentials.
  - o Upgraded PHP to version 8.2 for a modern and efficient code base.
  - o Optimized the database schema for improved efficiency.
  - o Implemented a feature to fetch and display users' bills from a third-party service.
  - o Introduced logging systems for back-office monitoring and detailed action logs.
- **Technologies:** PHP, Symfony 5, MySQL, Redis, JWT, Kubernetes, WebPack, Bootstrap, Javascript, Git, Jira
- **Project: Moov Mali B2C**
  - o Added support for mobile app version 1.0.3.
  - o Implemented a dynamic list of sale points based on user localization for enhanced user experience.
  - o Improved performance and addressed security issues in privileged actions.
- **Technologies:** PHP, Symfony 5, MySQL, Redis, WebPack, Bootstrap, Javascript, LDAP, Git, Jira

Backend Engineer - SQLI - Rabat (Remote)   *Feb 2021 - August 2023*

- **Project: Kalisil**
  - o Created RESTful APIs for optimal mobile app performance.
  - o Designed an efficient database schema.
  - o Integrated third-party APIs for enhanced functionality.
  - o Collaborated with templating systems for an improved user interface.
  - o Enforced high-quality code standards through unit testing and code reviewing.
- **Technologies:** PHP, MySQL, JavaScript, Tailwind, Git, Jira

Backend Engineer Intern - Ucotech - Khouribga (Onsite)   *Nov 2020 - Feb 2021*

- **Project: UcoSchool**
  - o Developed and implemented new features for an existing school management system.
  - o Maintained over 40% of client websites and provided technical support for troubleshooting software issues. Deployed web applications and wrote unit tests to ensure software reliability and performance.
- **Technologies:** PHP, Codeigniter, MySQL, Redis, Javascript, Git, Jira

Projects _____

- **Project: HRSClean - Cleaning Service Booking (https://hrsclean.com)**
  - o Leveraged React and Symfony for development.
  - o Built real-time booking system with conflict detection and availability management
  - o Implemented secure payment processing with PCI compliance and transaction handling
  - o Implemented RESTful API resources with JWT authentication.
  - o Integrated third-party APIs for payment processing and notifications.
  - o Utilized React with Redux for the front-end application.
  - o Developed CLI commands for administrators.
- Technologies: PHP, MySQL, Bash, Docker, Git

- **Project: SIMFA - PHP Framework (https://www.github.com/m-agoumi/simfa)**
  - Developed SIMFA from scratch with a focus on robustness and extensibility.
  - Implemented an MVP structure and SOLID design.
  - Integrated ORM (MySQL), efficient routing, middleware, and Dependency Injection.
  - Developed a console application for database migration and custom command execution.
  - Engineered concurrent request handling to overcome PHP session lock limitations
  - Added security compliance with OWASP TOP 10
- Technologies: PHP 8, Symfony, MySQL, Docker, Nginx, React, Redux, GIT

Languages

» English: Advanced (C1)   » Arabic: Native   » French: Operational (B1)   » German: Beginner (A1) (learning)

Interest

» Web Development   » Cyber Security   » Astronomy   » Chess   » Aviation   » Poetry

Professional References

- **Azzeddine CHTOUTA**
  Senior Full Stack Engineer
  Dedalus
  Contact: azzeddine.chtouta@dedalus.com - +212655796381

- **Ahmed Jawad TABET**
  Project Director
  Mobiblanc
  Contact: tabet@mobiblanc.com - +212674172729

- **Khalid MEBSOUT**
  Senior Backend Developer
  Mobiblanc
  Contact: mebsout@mobiblanc.com - +212663733719