

Neji Mohamed Oussama

APPLICATION MANAGER · SENIOR PHP/SYMFONY DEVELOPER · DATA / POWER BI

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PROFESSIONAL SUMMARY

Senior software engineer and application manager with 11+ years of experience across web development, application support, data platforms and business intelligence. Strong expertise in PHP/Symfony, REST/SOAP APIs, SQL and database migrations, with hands-on experience in Power BI and DAX. Experienced in technical leadership, code and SQL reviews, production support, security remediation, documentation and Agile delivery. Current positioning combines three complementary areas: Senior PHP/Symfony development, Data / Business Intelligence, and practical use of Generative AI / LLMs for prototyping, code analysis/refactoring, documentation, technical research and workflow automation.

CORE SKILLS

Backend / Web	PHP 8, Symfony 4-8, Joomla, Node.js, JavaScript, jQuery, HTML5/CSS3, Bootstrap
APIs & Integration	REST, SOAP, JSON, XML, cURL, Postman
Data / Databases	SQL Server, Oracle, MySQL, PostgreSQL, SQL optimization, migrations, ETL/data flows
BI / Analytics	Power BI, DAX, Business Objects, RLS, scheduled refresh, reporting
DevOps / Quality	Git, GitHub, GitLab, SVN, Jenkins, CI/CD, Docker, Linux, Apache JMeter
Ways of working	Agile/Scrum, SOLID, estimation, technical documentation, code review, Tech Lead
AI / LLM	Generative AI for software engineering, prototyping, documentation, analysis and automation

PROFESSIONAL EXPERIENCE

Senior Web Developer · Data / Power BI · Tech Lead

Malakoff Humanis - Social protection | 2022 - 2026

- Epsens: remediated security vulnerabilities identified during penetration testing: authentication flows, password policy, file upload controls and brute-force protection.
- Koro: supported the Oracle-to-SQL Server migration; adapted and optimized queries, developed reports/data extractions, and produced technical documentation.
- Middle: developed REST APIs and business interfaces with PHP 8 / Symfony 7; automated Excel client files, implemented GDPR data purges, tests and Jenkins-based continuous integration.
- Mobius: designed Power BI reports, prepared and transformed SQL Server data, created DAX measures, migrated Business Objects reports to Power BI, implemented RLS / AD-based access controls and scheduled refresh.
- Tech Lead: coordinated technical work, supported developers, reviewed code and SQL/Oracle queries, acted as technical reference and maintained technical/user documentation.

Environment: PHP 8, Symfony 6-7, Power BI, DAX, SQL Server, Oracle, REST API, Jenkins, Git, Agile/Scrum

Senior PHP / Symfony Web Developer

Orange DERS - Paris, France | 2020 - 2022

- Delivered PHP/Symfony enhancements for the Agir and BLO Controle platforms and resolved production incidents.
- Designed and developed BLOC, a prevention platform for fiber network issues, including database architecture and automated data import API using cURL.
- Maintained scheduled Perl jobs, performed unit/performance testing with Apache JMeter, and managed incidents through JIRA.
- Produced technical documentation and user guides.

Environment: PHP 8, Symfony 6, MySQL, jQuery, Perl, Jenkins, JMeter, GitLab, JIRA

Application Manager - Tech Lead

Rhonexpress & Compagnie Oceane - Transport | 2019 - 2020

- Developed and enhanced front-office/back-office applications and Web Services used by websites, mobile apps, ticket sales terminals and onboard validation devices.
- Led Symfony migration activities and refactored/cleaned MySQL and PostgreSQL data models.
- Developed refund, customer loyalty, equipment and sales management features.
- Provided application/business support for FAMOCO terminals, prepared pre-production releases and documented new features.

Environment: PHP, Symfony, MySQL, PostgreSQL, REST, Android, GitLab

PROFESSIONAL EXPERIENCE - CONTINUED

Senior PHP / Symfony Developer

RATP - Paris, France | 2019

- Enhanced SocialBox, Horair and Orphee applications supporting metro-line administration, control sheets, employee schedules and performance bonuses.
- Built CSV export modules and digitalized business processes.
- Migrated Oracle data to PostgreSQL and introduced versioning across development, test and pre-production environments.

Environment: PHP, Symfony 4, Oracle, PostgreSQL, MySQL, jQuery, Bootstrap, GitLab

Senior PHP / Symfony Developer

Locasun - Franconville, France | 2017 - 2019

- Developed and maintained Locasun.fr, Locasun-Vp.fr and Ze-camping.fr.
- Built REST/SOAP Web Services and XML/JSON partner integrations; developed scheduled jobs and data update scripts.
- Migrated applications from Symfony 2.7 to 3.4; managed MySQL/PostgreSQL databases and contributed to SEO, pre-production and production releases.

Environment: PHP, Symfony 2-3, MySQL, PostgreSQL, REST/SOAP, XML/JSON, SVN, Linux

Web Developer & Production Engineer

Orange Tunisia - Tunis, Tunisia | 2015 - 2017

- Provided L2/L3 application, system and database support in a production environment.
- Managed Oracle databases, Linux/Shell scripts, Cron jobs and PHP application maintenance.
- Prepared test environments and datasets, analyzed results, tracked non-regression/integration issues and supported pre-production/production validation.
- Also contributed to a web/mobile test-plan management application used to automate 3G mobile-device validation.

Environment: PHP, Symfony 2, Oracle, MySQL, Linux, Shell, Apache, Android, SQL

PERSONAL / ENTREPRENEURIAL DIGITAL PROJECTS

- Personal CV website: ongoing PHP/Symfony project used to experiment with modern Symfony versions, UI/UX, CI practices and AI-assisted development.
- ONJ Primeur: web platform supporting fruit & vegetable purchasing, product catalog, selling prices, margins and customer-facing product presentation.
- HAMILCAR: e-commerce platform for branded playing cards, with product catalog, quantity-based pricing, cart and stock management.
- La Fiamma Pizza & Grill: restaurant website currently being finalized, focused on offer presentation, menu experience and customer conversion.

EDUCATION & TRAINING

2015 - Engineering Degree in Computer Science - INSAT, Tunis - Graduated with Highest Honors

Networks, Computer Science and Telecommunications.

2010 - Mathematics Baccalaureate - Lycee Menzah 6, Tunis - Highest Honors

2025 - Symfony 8 training

2025 - Symfony 7 training

2024 - Advanced Power BI training

2023 - Power BI fundamentals

2021 - Advanced Symfony 5: new features, security and testing - La Passerelle

SELECTED AWARDS

- 2015 - PARLIAMENTHON - 2nd prize: 24-hour web/mobile application development challenge - Symfony 2 / Android.
- 2014 - IMPUNITHON - 3rd prize: 24-hour web/mobile application development challenge - Symfony 2 / Android.

LANGUAGES

French · English · Arabic · Spanish

SELECTED TECHNICAL RESPONSIBILITIES

- Application analysis and design, estimation of new requirements, implementation, testing and production follow-up.
- Technical specifications, release notes, architecture/implementation documentation and end-user documentation.
- API design and integration across REST/SOAP ecosystems and heterogeneous partner systems.
- Database design, query optimization, data migration, purge/cleanup processes and scheduled data-processing jobs.
- Security hardening following penetration tests and implementation of access-control mechanisms.
- Power BI reporting: SQL preparation, DAX, visual design, RLS, Active Directory groups and scheduled refresh.
- Technical leadership: task coordination, code review, SQL review, support to developers and technical arbitration.
- SOLID principles, maintainability, UI/UX awareness and continuous improvement.

TECHNOLOGY MATRIX

Languages / frameworks	PHP, Symfony, JavaScript, jQuery, Node.js, SQL, DAX, Perl, Shell, Android
Web / integration	REST, SOAP, XML, JSON, cURL, HTML5, Bootstrap, Joomla
Databases	Oracle, SQL Server, MySQL, PostgreSQL
BI / data	Power BI, Business Objects, DAX, SQL data preparation, reporting automation
Tools	Git, GitHub, GitLab, SVN, Jenkins, Postman, Apache JMeter, JIRA, DBeaver, MobaXterm
Servers / environments	Linux, Apache Web, Apache Tomcat, pre-production, production support
Methods	Agile Scrum, SOLID, testing, documentation, release management

PROFILE LINKS

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