

NADIM OUERTANI

Senior Software Engineer

Backend Systems • Distributed Systems • Microservices • Financial Platforms

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PROFESSIONAL SUMMARY

Senior Software Engineer with 7+ years of experience designing, developing, and modernizing business-critical software platforms across online gaming, financial services, real estate, logistics, and enterprise environments. Experienced in backend engineering, distributed systems, microservices architecture, financial transaction platforms, and large-scale modernization initiatives. Proven track record building scalable software solutions that directly support revenue generation, operational efficiency, and business growth. Strong experience in software architecture, technical leadership, mentoring engineers, technical interviews, code reviews, project estimation, and delivery of complex software projects within multicultural engineering organizations.

TECHNICAL SKILLS

Programming: PHP, Python, JavaScript

Frameworks: Laravel, FastAPI, React

Databases: MySQL, DynamoDB

Search & Messaging: Elasticsearch, Redis, RabbitMQ

Cloud & Infrastructure: AWS, Docker, Linux

CI/CD & DevOps: GitLab CI, GitHub Actions, Jenkins, Git

Testing: PHPUnit

Engineering: Microservices, Distributed Systems, REST APIs, System Design, Software Architecture, Legacy Modernization

PROFESSIONAL EXPERIENCE

Senior Software Engineer – Korean Online Gaming & Betting Platform

Aug 2025 – Present

- Design, develop and maintain backend services supporting deposits, withdrawals, wallet operations, betting workflows and customer account management.
- Participate in large-scale modernization initiatives migrating functionality from legacy systems into modern service-oriented architectures.
- Refactor business-critical modules to reduce technical debt and improve maintainability.
- Contribute to infrastructure and application optimizations reducing operational complexity and server resource consumption.
- Design and implement Elasticsearch-powered search solutions supporting operational workflows.
- Review production-ready code and mentor engineers across distributed teams.
- Participate in architecture discussions, technical planning, incident investigations and production troubleshooting.
- Collaborate with engineering teams across Dubai, Georgia and Manila.
- Contribute to systems supporting more than \$1M USD in monthly business activity.
- Operate within a high-performance engineering culture emphasizing ownership, reliability and scalability.

Senior Software Engineer – Real Estate Technology Company

Dec 2021 – Apr 2025

- Designed and developed a centralized CRM platform supporting sales, marketing and lead management operations.
- Built a lead acquisition ecosystem connecting landing pages, marketing campaigns, CRM workflows and third-party providers.
- Implemented integrations with external lead generation platforms improving conversion efficiency and lead management.
- Developed automation solutions supporting campaign execution, customer management and operational reporting.

- Led development initiatives from requirements gathering through deployment and production support.
- Conducted technical interviews and participated in engineering recruitment processes.
- Mentored developers through code reviews, technical guidance and engineering best practices.
- Participated in architecture decisions, project estimation, sprint planning and technical leadership activities.
- Delivered a complete lead acquisition ecosystem improving operational efficiency and supporting business growth.

Senior Software Engineer (Contract) – UK Enterprise Technology Project

Jan 2023 – Aug 2023

- Led modernization efforts transforming a legacy monolithic platform into a microservices-based architecture.
- Defined service boundaries and communication patterns between business domains.
- Reduced technical debt by decomposing tightly coupled functionality into independently deployable services.
- Improved maintainability, scalability and long-term engineering productivity.
- Participated in architecture design, migration planning and technical decision-making.

Software Engineer (Contract) – Italian Technology Project

Mar 2024 – Sep 2024

- Developed backend services using Python, FastAPI and DynamoDB.
- Built scalable content distribution solutions used by European clients.
- Worked within cloud-native and API-driven architectures.

Software Engineer – Port & Logistics Technology Project

Jun 2021 – Dec 2021

- Developed and maintained subscriber management platforms and customer-facing business applications.
- Built Laravel-based enterprise solutions supporting operational workflows and business users.
- Delivered platform enhancements and new functionality for stakeholders.

Web Developer – Digital Solutions & Web Development

Jun 2019 – May 2021

- Developed CMS solutions, websites, landing pages and database-driven applications.
- Built full-stack web solutions using PHP, SQL, HTML, CSS and JavaScript.
- Worked directly with business stakeholders to deliver customer-facing digital platforms.

LEADERSHIP

Technical Interviews • Technical Mentoring • Pull Request Reviews • Production Release Validation • Architecture Participation • Project Estimation & Planning • Cross-Team Collaboration • Agile Delivery • Stakeholder Communication

EDUCATION

Licence Fondamentale en Gestion Appliquee a l'Informatique – University of Tunis El Manar, Tunisia (2019)

LANGUAGES

Arabic (Native) • French (Professional Working Proficiency) • English (Full Professional Proficiency)

ADDITIONAL INFORMATION

Open to relocation and visa sponsorship opportunities across Europe. Target roles include Senior Software Engineer, Senior Backend Engineer and Backend Platform Engineer.