OTHMANE SABI

FULL-STACK SOFTWARE ENGINEER | SAAS PLATFORMS, APIs & AUTOMATION

React/Vue.js | TypeScript | PHP/Laravel | MySQL | Redis | Docker

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PROFESSIONAL PROFILE

Software Engineer with **5+ years** of experience building **SaaS platforms, enterprise CRM, e-commerce** and business integrations. Strong full-stack depth in **PHP/Laravel, TypeScript, React/Vue.js, MySQL and Redis,** with production ownership of **high-traffic APIs** and progressive modernization of **legacy code** into **microservices.** Uses **Docker and CI/CD pipelines** in day-to-day delivery, with growing **AWS** experience. Works closely with development and product teams through technical design, code reviews and mentoring; now seeking a **Senior Fullstack Developer** role.

ENGINEERING IMPACT & PRODUCTION KPIs

2x **DEPLOYMENT FREQUENCY** CI/CD delivery	**-40%** **LEAD TIME** Change delivery	**<2h** **MTTR** Prod incidents
99.9% **AVAILABILITY** SaaS target	**-35%** **P95 API LATENCY** Performance	**-30%** **CHANGE FAILURE RATE** Release quality

CORE SOFTWARE ENGINEERING COMPETENCIES

BACKEND & APIs : PHP/Laravel | REST APIs | API design | microservices | WebSocket (Laravel Echo, Pusher) | OOP/SOLID
FRONTEND : TypeScript | JavaScript ES6+ | React | Redux | Vue.js | Pinia | Vite (ViteJS) | Tailwind | responsive web apps
CLOUD & PLATFORM : AWS | Docker | GitHub Actions | GitLab CI | Linux
DATA & PERFORMANCE : MySQL | Redis | caching | performance optimization | SQL optimization | indexing | queues
ENGINEERING : technical design documentation | estimation | code reviews | automated testing | linting | CI/CD | mentoring

PROFESSIONAL EXPERIENCE

Software Engineer (Contract, Remote) - CRM & Business Operations | Akawatt Energy Services | 2025 - Present

- Centralized sales, stock, invoicing and payments in a **5-module CRM,** ending manual Excel tracking and securing financial data with role-based access.
- Delivered management dashboards and a field-team module giving a small startup **real-time visibility** on operations (Laravel REST API, Filament admin app, React and Redux client app in TypeScript).
- Owned build and application deployment as the sole developer working with the client: **GitHub Actions** runs tests and migrations before every release to Laravel Cloud with Docker, with ESLint and Prettier enforcing code quality.

Software Engineer - SaaS Applications | Disklosure | 2024 - 2025

- Collaborated with a team of 4 developers, a manager and a product owner to evolve an ESG/HSE SaaS platform, writing technical design documentation and estimating features in sprint planning (Laravel, Vue.js, React, Inertia.js).
- Reduced **p95 API latency by approximately 35%** through SQL optimization, Redis caching, payload reduction and application-call rationalization.
- Increased **deployment frequency by approximately 2x** with standardized Git workflows, automated testing (Vitest) and repeatable CI/CD pipelines.
- Maintained a **99.9% availability target** by strengthening logs, release procedures and Linux troubleshooting.
- Cut **lead time for changes by approximately 40%** by building reusable components and automating delivery.
- Mentored a junior developer in code reviews with constructive feedback, guiding him from our Storybook component documentation to integration in the codebase.

Software Engineer - Enterprise Integrations & Platform | Petrom | 2023 - 2024

- Modernized, within a team of 4 developers, a CRM supporting **100+ service stations,** evolving legacy PHP code module by module into a **microservices** architecture (Laravel, Vue.js, REST APIs) consumed by B2B clients' own systems.
- Added real-time browser communications over **WebSocket** (Laravel Echo, Pusher), pushing live updates to users without page reloads.
- Restored availability after an outage caused by excessive API calls from a client's ERP integration: traced the root cause and added **per-client rate limiting** (requests per minute) to protect the platform.
- Developed SAP-to-CRM integrations (SOAP APIs, Laravel queued jobs) automating invoicing, data synchronization and reporting, with error handling and recovery logic.

Software Engineer - CRM Automation & APIs | **Smart Call Distribution** | 2022 - 2023

- Integrated vTiger CRM with Plecto through webhooks to provide **real-time sales KPIs** to managers and sales teams (Laravel, Vue.js).
- Automated **100%** of a previously manual subscription-billing calculation workflow, eliminating recurring billing errors.

Full-Stack Developer - E-commerce & Business Applications | **Health Development** | 2019 - 2020

- Eliminated manual Excel reporting for **100+ medical delegates** by building a web app that automated daily report checks, dashboards and weekly synthesis by area, city and delegate.
- Built a para-pharmacy e-commerce site with **4,000+ products,** card payments, refunds and order changes (Laravel, Vue.js, Docker).

SELECTED ENGINEERING PROJECTS

Event-Driven Enterprise Integration | REST APIs, queues, retry, idempotency, DLQ

- Designed a resilient asynchronous flow inspired by SAP-CRM work, with deduplication, metrics and error handling, so failed messages are recovered without duplicates.

SELECTED ENGINEERING IMPACT

- **DORA / Delivery:** 2x deployment frequency, -40% lead time and -30% change failure rate as delivery KPIs.
- **Reliability:** 99.9% availability target, <2h MTTR and incident runbooks to strengthen production readiness.
- **Performance:** p95 latency, error rate, throughput and cache hit ratio used to measure and explain optimization work.
- **Integration:** 100% billing automation + 100+ station CRM scope demonstrate business impact and enterprise scale.

TECHNICAL TOOLKIT

SOFTWARE : PHP | Laravel | TypeScript | JavaScript | React | Vue.js | Node.js | Python | Inertia.js | Filament
TESTING & QUALITY : PHPUnit | Pest | Vitest | Playwright | ESLint | Prettier | Postman
CLOUD / PLATFORM : AWS | Docker | GitHub Actions | GitLab CI | Linux
DATA / INTEGRATION : MySQL | Redis | SAP integration | SOAP | webhooks | relational modelling
TOOLS : Git | Bitbucket | Jira | ClickUp | Cursor | Claude Code | AWS Cloud Practitioner (in progress)

EDUCATION

- **Master of Science - Software Engineering & Web Applications** | Faculty of Science and Technology | 2019 - 2021
- **Bachelor of Applied Science - Software Engineering** | National School of Applied Sciences | 2018 - 2019
- **Specialized Diploma - Software Development** | OFPPT | 2016 - 2018

LANGUAGES

English: Professional | **French:** Professional | **Arabic:** Native