



ZAKARIA AKTOUF

Full-stack developer

Resides in: Algiers, Algeria

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WORK EXPERIENCE

Nov 2023 - Dec 2024 **FATOURA | Full-stack developer • on site**

Project: Walvis/Fatoura Compta (WEB SAAS) **URL:** <https://walvis.app/> **URL:** <https://fatoura.app/compta>

Features: Stripe subscriptions, real-time chat + UI updates (websockets), multi-channels notifications, File sharing, File versioning, Invitation system, multi-tenancy, AI document parsing, Integration (Fatoura software), mobile app (webview + react native)

Tech used: PHP, Laravel, Docker, Websockets, Vue.js, Quasar

July 2023 - Nov 2023 **FATOURA | Full-stack intern • on site**

Project: Taqwim (tax calendar mobile app) **URL:** <https://taqwim.app/>

Features: Dynamic content via Admin dashboard, Push notifications via OneSignal, android & IOS Expo builds

Tech used: PHP, Laravel, Vue.js, Quasar, React native, Tailwind

OPEN SOURCE ACHIEVEMENTS

Laravel core contribution Fixing an issue with unique jobs PR link: <https://github.com/laravel/framework/pull/54000>

Laravel-debounce Authored a Laravel package Repo: <https://github.com/zackAJ/laravel-debounce>

PROGRAMMING

- PHP**
 - Strong OOP & design patterns understanding.
 - Familiar with PHP's run-times, limitations and request cycle.
- Laravel**
 - Experience with Laravel echo system, including tools like: Forge, Horizon, Nova, Cashier, Echo, Spatie packages, inertia.
 - Experience with Laravel features like: notifications, queue, jobs, events, websockets, scheduler, caching...
- Databases**
 - MySQL
 - Transactions and Locks
 - Redis queues
 - Benchmarks and query optimizations
- Javascript/Typescript**
 - Building automation tools and utilities using node.js
 - Experience with selenium for browser automation tasks
 - Built a game with canvas (gameloop engine)
 - Some web scraping
- Vue.js**
 - Composition API
 - Pinia state management Store
 - Experience with Quasar Framework
- Unix/Linux**
 - Shell scripting
 - CLI utilities and tooling
 - Neovim (btw)
- Others**
 - Docker
 - Go (Golang)
 - Flutter
 - Lua

EXPERTISE

- Architect databases and workflows prior to implementation
- Familiarity with Stripe and Paddle APIs and services
- Build RESTful APIs, layouts and component-based UIs and follow MVC best practices
- Recognize design patterns and abstract code for better flexibility and reusability
- Ability to work on new features while maintaining, fixing, and hotfixing existing bugs
- Write clean code and learn from refactor iterations and code reviews
- Comfort with Git & GitHub (merge, rebase & resolving conflicts) while adhering to the team's standards and respecting the deployment pipeline

EDUCATION

2021 - 2024 Web and Mobile Development senior technician certificate (T.S) • INSFP, Algeria

2019 English language intermediate certificate • Horizon institute, Algeria

2016 - 2019 1st year science & technologies • USTHB, Algeria

2013 - 2016 BAC High school diploma Technical mathematics • Algeria