



# ZAKARIA AKTOUF

## Full-stack Laravel developer

Resides in: Algiers, Algeria

Communicates in: English, French & Arabic

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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

### 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...
  - Following Laravel's best practices and naming conventions (Rails way).
- 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
  - Java
  - 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
- Experience of working in an Agile development environment based on sprints
- Review other code and participate in a team-based development environment
- 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