

Mohamad Rida Chouman

Senior Frontend Developer | React, Next.js & TypeScript

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Professional Summary

Frontend developer with nearly 3 years of experience building large administration and operations platforms, now leading the frontend team at VAST LB. Delivered four enterprise systems across aviation, healthcare, mobility, and business services, together covering 260+ admin screens in React.js, Next.js, and TypeScript with Redux Toolkit, RTK Query, and Tailwind. Strong in reusable component libraries, secure sign-on, API integration, and automated testing.

Technical Skills

- **Frontend:** HTML, CSS, JavaScript, TypeScript, React.js, Next.js (App Router), Redux & Redux Toolkit, RTK Query, TanStack Query, React Router DOM, Tailwind CSS, PrimeReact, Vite, Axios, Chart.js
 - **Backend & Databases:** PHP, Laravel, Filament, MySQL, MongoDB, REST API Integration
 - **Testing & Quality:** Vitest, Playwright, React Testing Library, ESLint
 - **Collaboration & Tools:** Git, GitHub, Docker, Nginx, Notion, Trello
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Professional Experience

Frontend Lead | VAST LB (spun off from Gova Group) | Jan 2026 – present

- Lead the frontend team across four client platforms, overseeing development, code quality, and delivery timelines.
- Own BMC – Baalbeck Medical Center end to end: built the system from August 2024 and have led the project since January 2026.
- Launched three new platforms in 2026 – Riyadh Airline Crew Management System, Axis Pro Solutions, and Go Charge – together covering 230+ admin screens.
- Established shared component libraries and reusable CRUD and server-side table patterns, cutting the build time for new screens and keeping the UI consistent across projects.

Frontend Developer | Gova Group | Aug 2024 – Jan 2026

- Developed responsive admin panels, rental systems, and internal dashboards using React.js, Redux, and Tailwind.
- Built reusable component libraries that became the foundation for later projects, and improved user experience by reducing page load times and simplifying navigation.

Application Analyst | AL Abdalla Restaurant | Jan 2024 – Aug 2024

- Analyzed requirements, documented technical specifications, and supported end-users

in daily operations.

- Conducted system testing and delivered business-facing solutions that improved software adoption, reduced downtime, and streamlined daily workflows.
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Projects

Riyadh Airline Crew Management System (Next.js, TypeScript, Microsoft SSO)

- Replaces manual crew administration for an airline: 25 modules spanning rostering, attendance, leave, appraisals, qualifications, and training, secured with Microsoft company-account sign-in.
- Schedulers publish monthly rosters, crew submit leave and delegation requests for approval, and supervisors review attendance, appraisals, and training through crew-readiness dashboards.

Axis Pro Solutions (React, Redux Toolkit, Tailwind)

- Administration platform of 72 screens covering a company's operations end to end, from sales and projects through assets, stock, purchasing, and staff records.
- Quotations convert into jobs and projects, teams assign locations, assets, and staff, and purchase orders go to suppliers; shared CRUD and server-side table patterns let every new screen reuse one data layer.

Go Charge (React, Redux Toolkit, Tailwind)

- Back-office dashboard for an electric-vehicle charging and mobile-services business: 132 screens served by a 50-module API layer.
- Staff set up charging stations, vans, and drivers, publish products, bundles, and promotions, and follow each order from booking through scheduling to completion.

BMC – Baalbeck Medical Center (React, Redux, Tailwind)

- Hospital management system used daily by reception, medical, and administrative staff: 33 screens built on a shared library of 57 components.
 - Reception registers patients and books appointments across clinics and doctors, examinations are tracked by status, and the back office runs inventory, purchasing, and expenses with barcodes, printed documents, and Excel reports.
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Certifications

Full Stack Engineer Certificate | SEF Full Stack Web Developer Bootcamp | Jul – Oct 2023

Education

MSc in Bioinformatics | Tarbiat Modares University | Oct 2020 – Feb 2023

- Thesis: *Prediction of SNO Sites in Proteins Using Machine Learning Methods.*
- Applied Random Forest, XGBoost, LightGBM, and ensemble models to biological sequence analysis.

BSc in Biology | Lebanese University | Oct 2015 – Jun 2018