applitics

About Ahmed & Yassine

Ahmed & Yassine are **R Shiny experts** with a scientific background and over 8 years of experience in data analytics and production-ready appllication development. Our **synergy** blends strategic vision with technical precision, allowing us to design and build custom data tools that are scalable, user-friendly, and optimized for decision-making. By combining big-picture thinking with meticulous execution, we ensure seamless UI/UX optimization, ETL processes, performance tuning, and deployment, delivering end-to-end R solutions from development to secure, high-performance hosting.

Highlighted Success Stories

Capacity Planning 🏆 Client Testimonial ↗

Fortune 100 Big Pharma Company

Achievement: built a clinical capacity planning tool for a major pharmaceutical company, replacing manual Excel workflows with a robust R Shiny app. It offers a holistic view of the clinical pipeline — from monoclonals to gene therapies — linked to real-time capacity across manufacturing sites.
Impact: With scenario simulations and probabilistic modeling, the tool supports decision-making from clinical planners to vice presidents. It adds visibility, reproducibility, and strategic clarity to a process once driven by isolated inputs.
Outcome: Delivered ahead of internal expectations, the app is now expanding across the organization. Site leaders use it to adjust clinical capacity dynamically. Feedback has been excellent, making it a key asset in the company's digital planning ecosystem.

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AGRA Dashboard 🏆 Client Testimonial ↗

Mathematica Progress Together

Achievement: Collaborated with Mathematica to design and develop an R Shiny web app featuring a fully auto-generative UI, dynamically controlled via a live Excel spreadsheet for their client AGRA. This approach significantly reduced iteration time and provided Agra with a near no-code interface for seamless customization of their dashboard components.
Live Interface: Link

iCLEANED 🏆 Client Testimonial ↗

CGIAR

Achievement: Migration, redesign, and deployment of an R Shiny application for CGIAR and the Alliance of Bioversity-CIAT. The tool enables simulation of livestock scenarios and assessment of environmental impacts (GHG, water, nitrogen, land use), with guided input and interactive result comparison.
Adoption: Thanks to an intuitive, responsive, and well-documented interface, the platform saw strong adoption by field teams, supporting scenario sharing and collaborative work across scientific users.
Dashboard Walkthrough: Link
Live Interface: Link

Sales Pulse 🏆 Client Testimonial ↗

Achievement: UI/UX Improvement. Authentication implementation with user data management. Industrialization for enterprise scale, driving user trust and engagement for large-scale adoption.
Initial State: link 1, link 2, link 3
Delivered Solution: link 1, link 2, link 3
Detailed Case Study: link

Technical Mentorship 🏆 Client Testimonial ↗

MERCATOR OCEAN INTERNATIONAL

Mentored a senior researcher in building a high-performance map visualization workflow for oceanographic data. Provided guidance on comparing raster vs. vector tiles, optimizing preprocessing steps, and prototyping a lightweight tile-server-based interface. Emphasis was placed on performance, clarity, and long-term autonomy through methodological coaching.

Green Transition Navigator 🏆 Client Testimonial ↗

Achievement: UI/UX improvements, AWS Shiny Server maintenance and upgrade, and implementation of a new data processing pipeline.

Results That Matter

- Custom R Shiny Tools for automating workflows and business processes.

- Interactive Dashboards with a visually appealing UI and intuitive UX.

- Optimized R processes and ETL pipelines for scalability and efficiency.

- Secure R Shiny Hosting ensuring reliability, performance, and compliance.