

# Aarish Mansur

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## Experience

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### Open Source Contributor – Material UI (MUI)

Jan 2026

PR: <https://github.com/mui/material-ui/pull/47526>

- Fixed a long-standing bug where the Select dropdown width failed to update on window resize, affecting a repo with 90k+ GitHub stars.
- Implemented dynamic width recalculation using `ResizeObserver`, ensuring pixel-accurate alignment between the dropdown and its trigger element across all resize events.
- Iterated with core maintainers across multiple review cycles to handle lifecycle edge cases and align with MUI's internal Popper and Tooltip teardown patterns.
- Diagnosed and resolved 3+ CI and browser test failures involving DOM lifecycle timing, unblocking the PR merge.

### Open Source Contributor – react-admin (Marmelab)

Jan 2026

PR: <https://github.com/marmelab/react-admin/pull/11101>

- Designed and shipped a new opt-in `disableAutoFocus` prop for `SimpleFormIterator`, giving developers fine-grained control over focus behavior in dynamic form rows.
- Integrated `react-hook-form`'s `shouldFocus` option as the underlying mechanism, preserving 100% backward compatibility for existing users.
- Built and validated 2 Storybook examples covering default and new focus behaviors, ensuring zero regressions across existing test cases.
- Updated both user facing and headless documentation for `SimpleFormIterator` and `SimpleFormIteratorBase` to fully reflect the new public API.

### Open Source Contributor – AsyncAPI Modelina

Dec 2025

PR: <https://github.com/asyncapi/modelina/pull/2393>

- Implemented native `Date` type support in the TypeScript generator, mapping 3 OpenAPI formats (`date-time`, `date`, `time`) to the `Date` object.
- Introduced a breaking change scoped to Modelina v6, coordinating with maintainers and updating the official migration guide to ensure a smooth upgrade path for existing users.
- Wrote and updated serialization and deserialization tests, achieving correct `Date` handling across all targeted runtime scenarios.
- Fixed snapshot tests and runtime expectations to resolve CI failures across Linux, macOS, and Windows achieving a clean 3 platform pass.

## Projects

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**Drew** | *React, Typescript, ReduxToolkit, TailwindCSS, reactKonva, Supabase*

Live 

- Drew is a visual architecture builder – a lightweight, Excalidraw-style diagramming tool for creating clean architecture diagrams.
- It allows users to draw shapes, move them around, resize elements, edit text, and structure system architectures through an intuitive canvas interface.

**Gifty** | *React, TypeScript, FFMPEG, GiphyAPI, TailwindCSS*

Live 

- Gifty is a GIF search and discovery web app that Convert your videos into high-quality GIFs directly in the browser using `FFmpeg.wasm`.
- Add custom text overlays, download locally, or upload your GIFs to Giphy and share them instantly.

## Technical Skills

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**Languages:** C, C++, JavaScript, TypeScript

**Frameworks & Libraries:** React, Redux Toolkit, Tailwind CSS, shadcn/ui

**Developer Tools:** Git, GitHub, Postman

**Core Concepts:** Component-based architecture, State management, Responsive design, Debouncing, Error handling

## Education

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**Modi institute of Technology**

*Bachelor of Technology in Artificial Intelligence and Data science (GPA: 8.6 / 10.0)*

Expected September 2028

Kota, Rajasthan