

SALES- PROJECT

Full-Stack Project



OUR TEAM



Arya



Jay



Rudraksh



Sakshi



Sarthak

OVERVIEW

- Full-Stack Application using Angular (frontend), Node.js & Express (backend), and MongoDB (database)
- Includes user registration & login with JWT-based authentication, custom validation, and secure routes
- Features data entry & listing components, with route-based navigation and parameter passing for component communication
- Implements Reactive Forms with validation, and persistent data across routes for a seamless UX

CONTRIBUTIONS

Arya: Developed reactive forms and implemented routing for smooth page navigation.

Rudraksh: Implemented user authentication, authorization, and dynamic navigation bars.

Sakshi: Designed the UI, built backend APIs, and integrated frontend with backend together

Jay: Created a dynamic, responsive dashboard using Angular Material with persistent data handling.

Sarthak: Built RESTful backend APIs related to dashboard and integrated ng2-charts for dynamic dashboard visualizations.

CHALLENGES

1. **Backend-Frontend:** Ensuring seamless data exchange and synchronization between the Angular frontend and Node.js backend.
2. **DataRouting:** Managing route parameters and maintaining state persistence during navigation across multiple components.

CONCLUSION

- Successfully developed a full-stack Sales Tracker App using Angular, Node.js, Express, and MongoDB.
- Implemented key features like user authentication, data persistence, and a dynamic dashboard.
- Gained hands-on experience with component communication, routing, and RESTful API integration.
- Overcame technical challenges through collaboration and built a scalable, responsive, and secure application.



**DOES ANYONE
HAVE QUESTIONS?**

**THANK
YOU**