**Invoicing ROI Simulator**

**Architecture**

**[**Frontend]----[Backend]-----[Database]

[react] [node.js] [sqlite]

|

[Report]

[PDF]

Design Principles

1. Simplicity First: Lightweight, single-page application with minimal dependencies
2. Bias-Favorable Logic: Built-in constants ensure automation always shows positive ROI
3. Real-time Feedback: Instant calculation updates as users modify inputs
4. Lead Generation: Email-gated report downloads for business development
5. Persistence: Save and retrieve named scenarios for user convenience

**Tech used**

Frontend

-Framework: React js

-Styling: tailwind CSS

-State Management: React hooks

-HTTP Client: Axios for API communication

-Form Handling: React Hook Form for input validation

Backend

-nodejs

Database

-sqlite