

Tech Stack

- NodeJS:
 - Designed to build scalable network applications.
 - Can be used with either JavaScript or TypeScript.
 - It was designed and influenced by systems like Ruby's "Event Machine", and Python's "Twisted".
- React:
 - A JavaScript/TypeScript library that is used to build user interfaces.
 - Declarative:
 - Simple views for each state in your application, React will update and render the components as the data changes.
 - Component-Based:
 - Encapsulated components manage their own state.
 - Can keep rich data out of the DOM.
- Material UI:
 - We are using Material UI for styling the front-end of our project.
 - It is a UI library that easily interacts with React.
- PSQl:
 - A terminal-based frontend designed for PostgreSQL.
 - PostgreSQL is an open-source relational database.
 - Over 30 years of active development.
 - Has a strong reputation for being reliable, robust, and efficient.
- Redux:
 - It is a predictable state container for JavaScript apps.
 - It centralizes the application's state.
 - Easy to test.
- Axios:
 - A promise-based HTTP client for NodeJS.
- Webpack:
 - An open-source JavaScript module bundler.
 - It takes modules with dependencies and generates static assets representing those modules.
- PassportJS:
 - An authentication middleware for NodeJS.
 - Supports SSO.
 - Supports persistent sessions.
 - Lightweight.
 - It does not mount routes in the application.