

## 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.
- PSQL:
  - A terminal-based frontend designed for PostgreSQL.
  - 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.