

Health Flow Connect Technical Stack

❖ Backend Development

- *Node.js* : JavaScript runtime environment that will allow us to run JavaScript on the server-side, facilitating the development of scalable and high-performance applications.
- *Express.js* : Minimalist web framework for Node.js, simplifying server-side development with its routing and middleware features.
- *Mongo DB* : NoSQL database storing data in JSON-like format, offering scalability, fast retrieval and flexibility.

❖ Frontend Development

- *HTML* : For creating web pages and web applications. It provides the structure and content of a webpage.
- *CSS* : To style HTML elements and control their presentation, including layout, colors, fonts, and more.
- *Javascript* : To add interactivity and dynamic behavior to web pages. It enables manipulation of HTML and CSS, event handling, and asynchronous communication with servers.
- *React.js* : JavaScript library for building reusable UI components, known for its declarative and efficient approach to rendering user interfaces.

❖ Communication between Frontend and Backend

- *REST API'S* : REST APIs (Representational State Transfer Application Programming Interfaces) are a standardized way for software applications to communicate over the internet. They use HTTP

methods (like GET, POST, PUT, DELETE) to perform actions on resources (data) represented as URLs.

- *Postman* : Tool for testing and debugging APIs, simplifying HTTP request handling and response inspection.