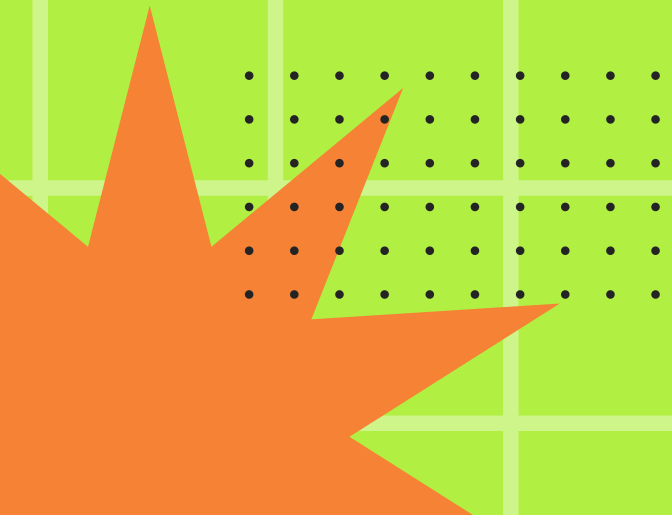


TTP SUMMER 2023

THE CURRICULUM



01 TECH STACK

JAVASCRIPT

A programming language used for creating interactive web content, running both on the client-side (in the browser) and server-side (using Node.js)

HTML

A markup language used to structure and present content on the web.



01 TECH STACK

CSS

A stylesheet language used to describe the look and formatting of a document written in HTML or XML.

React

A Javascript library for building user interfaces that allows developers to create reusable UI components and efficiently update the user interface based on data changes.





01 TECH STACK

REDUX

A state management library for Javascript applications, commonly used with React, to manage the application state in a predictable and centralized manner.

EXPRESS

A fast and minimalist web application framework for Node.js, used to build server-side web applications and APIs.



01 TECH STACK

SEQUELIZE

A library for Node.js that makes it easier for developers to store and retrieve data from a database by translating it into a format that Javascript code can understand.

POSTGRESQL

A relational database management system, that allows you to organize your data using tables and other operations.

02 SETUP AND INSTALLATION

Installing Node.js & NPM

Node.js is a Javascript runtime environment that allows developers to execute Javascript code outside of a web browser.



02 SETUP AND INSTALLATION

Installing Node.js & NPM

NPM (Node Package Manager) is a tool that simplifies the installation, management, and sharing of Javascript packages and dependencies.



02 SETUP AND INSTALLATION

≡ Installing Node.js & NPM

<https://nodejs.org/en/download>

Choose the installer
that matches your
operating system.



02 SETUP AND INSTALLATION

Installing Node.js & NPM

Check Node.js installation:

```
node --version
```

Check NPM installation:

```
npm --version
```

