

The background features abstract organic shapes in teal and orange. A teal shape is in the top-left corner, and a large orange shape is in the bottom-right corner. A small orange circle is positioned near the bottom center.

MTD BANK APPLICATION DEVELOPMENT

About Myself

I am Mohammed Riyaz from India currently living in Dubai

Full Stack Developer with 14 years of experience in Java , Spring Boot , Spring Framework , React , Angular , VueJS

Worked on

DELL , Boston , MA - US

Emirates Airlines , Dubai , UAE

EMC Bangalore , India



What you can learn from here ?

1 Spring Boot

- How to create an API through Rest API
- Implementing the Spring security

2 React

Create Reusable
Components
Contact API
Formik & Yup

3 Rest API

Call API through GET ,
POST , PUT & DELETE
methods

4 Microservices

What is Microservices ?
Microservices based Architecture ?
Advantages & DisAdvantages?

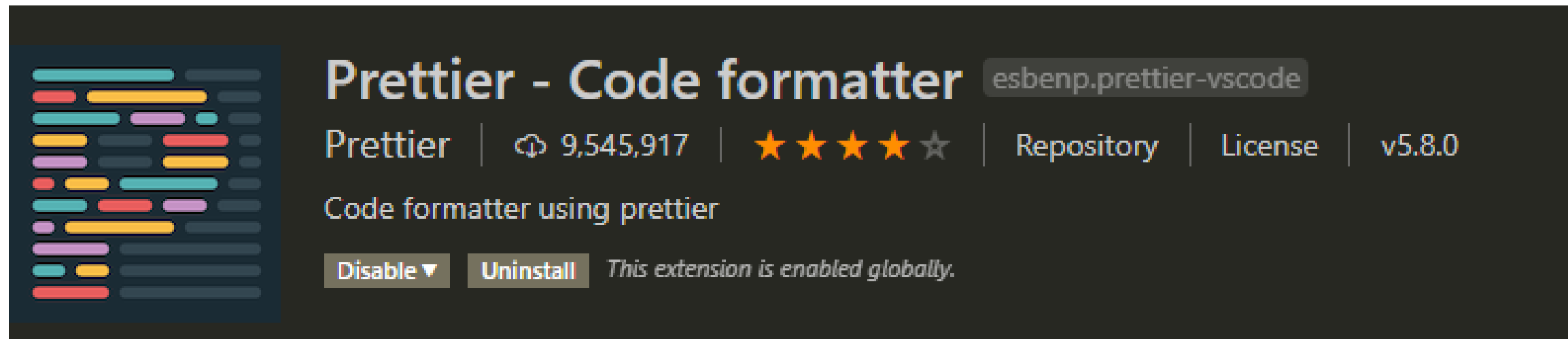
REQUIRED SOFTWARE

- JAVA 11
- NODE (Latest LTS version)
- NPM
- MySQL

REQUIRED TOOLS

- Spring Tool Suite
- VS Code
- Maven
- GIT
- Postman

VSCODE EXTENSION - PRETTIER

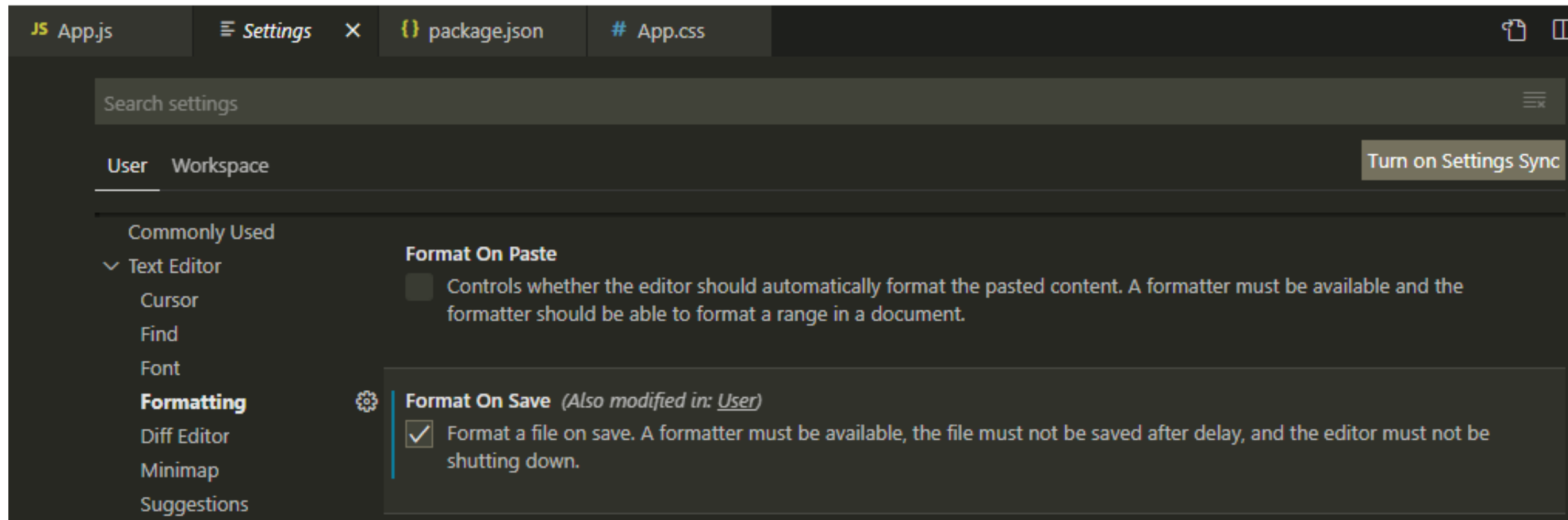


Prettier - Code formatter esbenp.prettier-vscode

Prettier | 9,545,917 | ★★★★★ | Repository | License | v5.8.0

Code formatter using prettier

[Disable](#) [Uninstall](#) This extension is enabled globally.



JS App.js Settings package.json App.css

Search settings

User Workspace [Turn on Settings Sync](#)

Commonly Used

- Text Editor
 - Cursor
 - Find
 - Font
 - Formatting**
 - Diff Editor
 - Minimap
 - Suggestions


Format On Paste

☐ Controls whether the editor should automatically format the pasted content. A formatter must be available and the formatter should be able to format a range in a document.

Format On Save (Also modified in: [User](#))

☒ Format a file on save. A formatter must be available, the file must not be saved after delay, and the editor must not be shutting down.

VSCODE EXTENSION - EMMET



ES7 React/Redux/GraphQL/React-Native snippets

dsznajder | 2,086,901 | ★★★★★ | Repository | v3.0.0

Simple extensions for React, Redux and Graphql in JS/TS with ES7 syntax

[Disable](#) [Uninstall](#) *This extension is enabled globally.*

UserWorkspace

Turn on Settings Sync

Commonly Used

- > Text Editor
- > Workbench
- > Window
- > Features
- > Application
- ▼ Extensions
 - CSS
 - Docker
 - Emmet**
 - ESLint
 - Git
 - Git Add & Commit ...
 - GitHub
 - GitLens — Use 'Git...
 - Grunt
 - Gulp
 - HTML
 - Jake

Emmet

Exclude Languages
An array of languages where Emmet abbreviations should not be expanded.
[Edit in settings.json](#)

Extensions Path
Path to a folder containing Emmet profiles and snippets.
[Edit in settings.json](#)

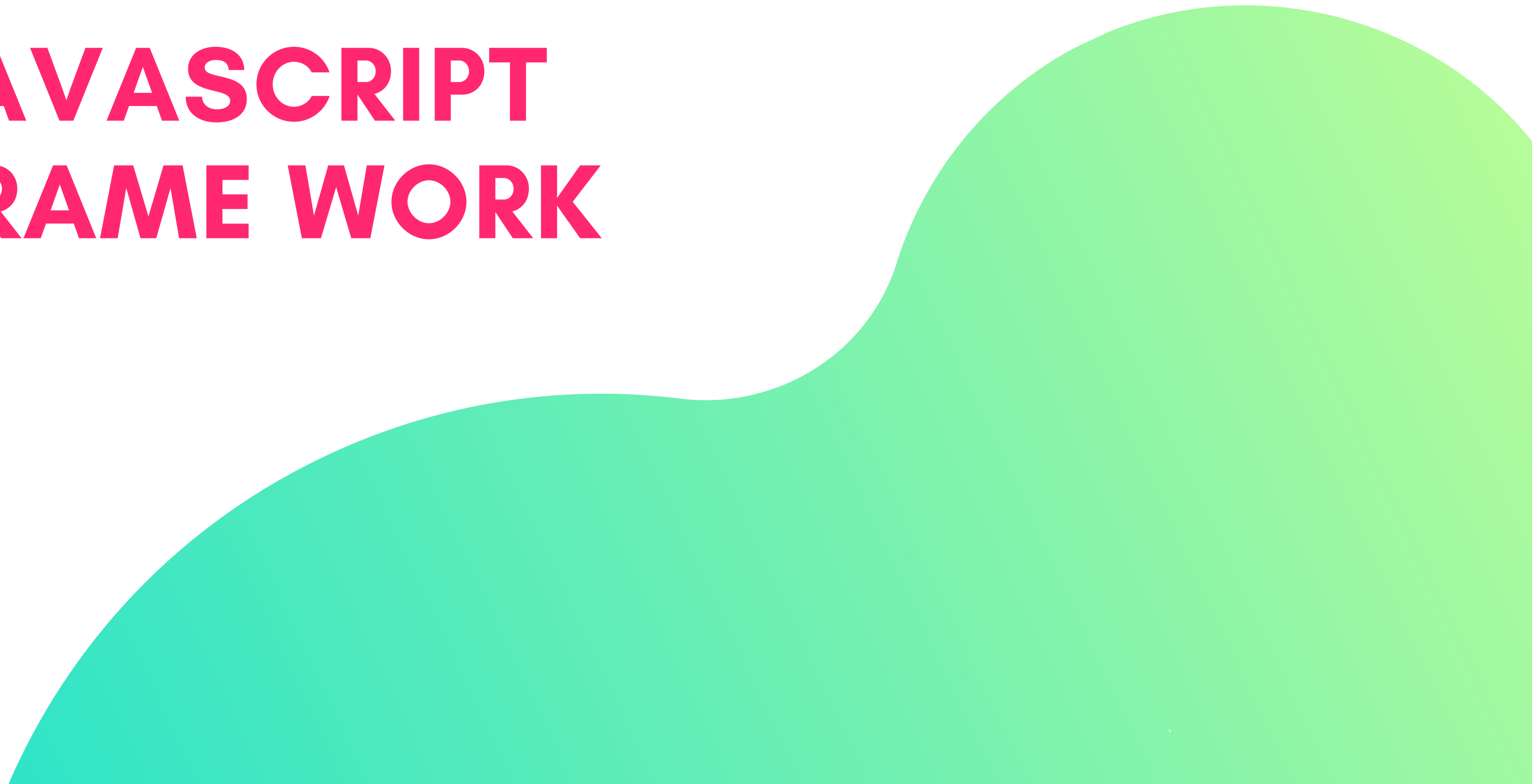
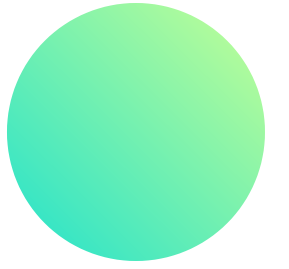
Include Languages
Enable Emmet abbreviations in languages that are not supported by default. Add a mapping here between the language and emmet supported language. E.g.: {"vue-html": "html", "javascript": "javascriptreact"}

Item	Value
javascript	javascriptreact

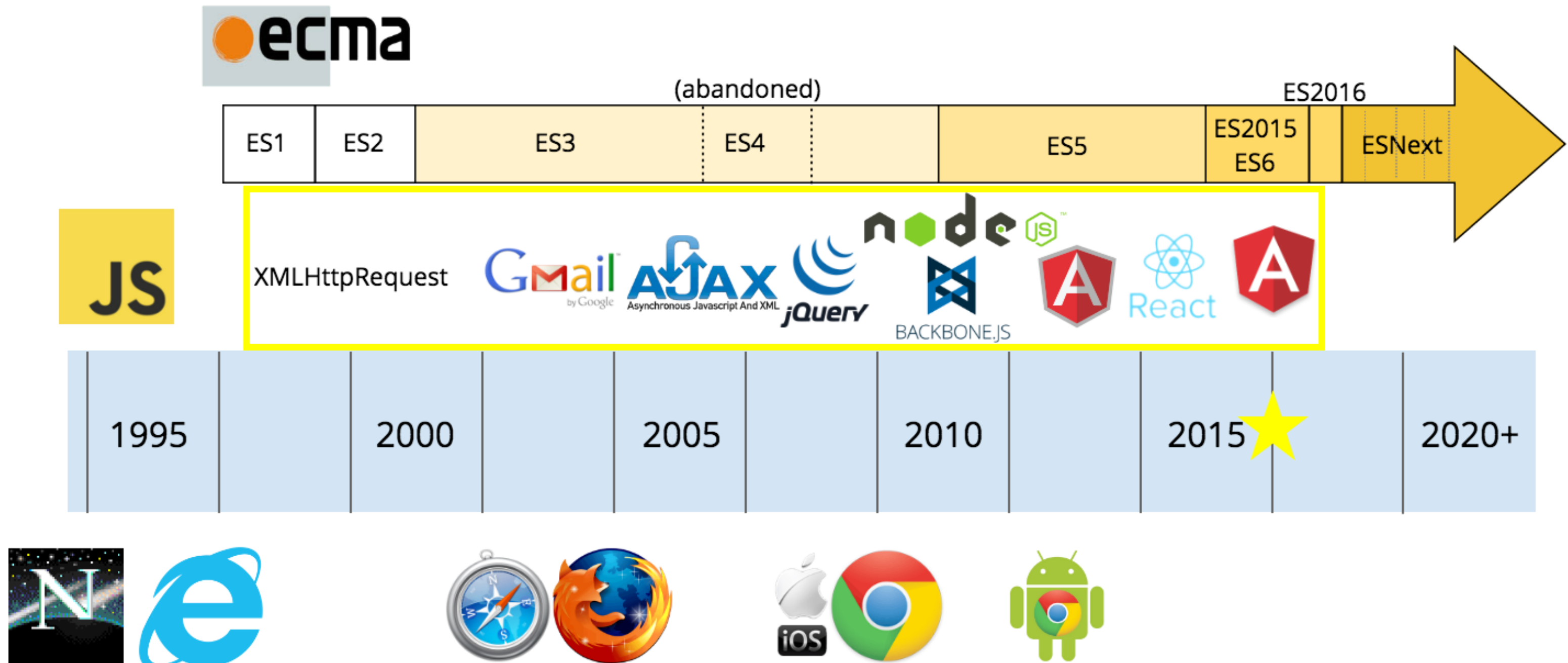
[Add Item](#)

Introduction to

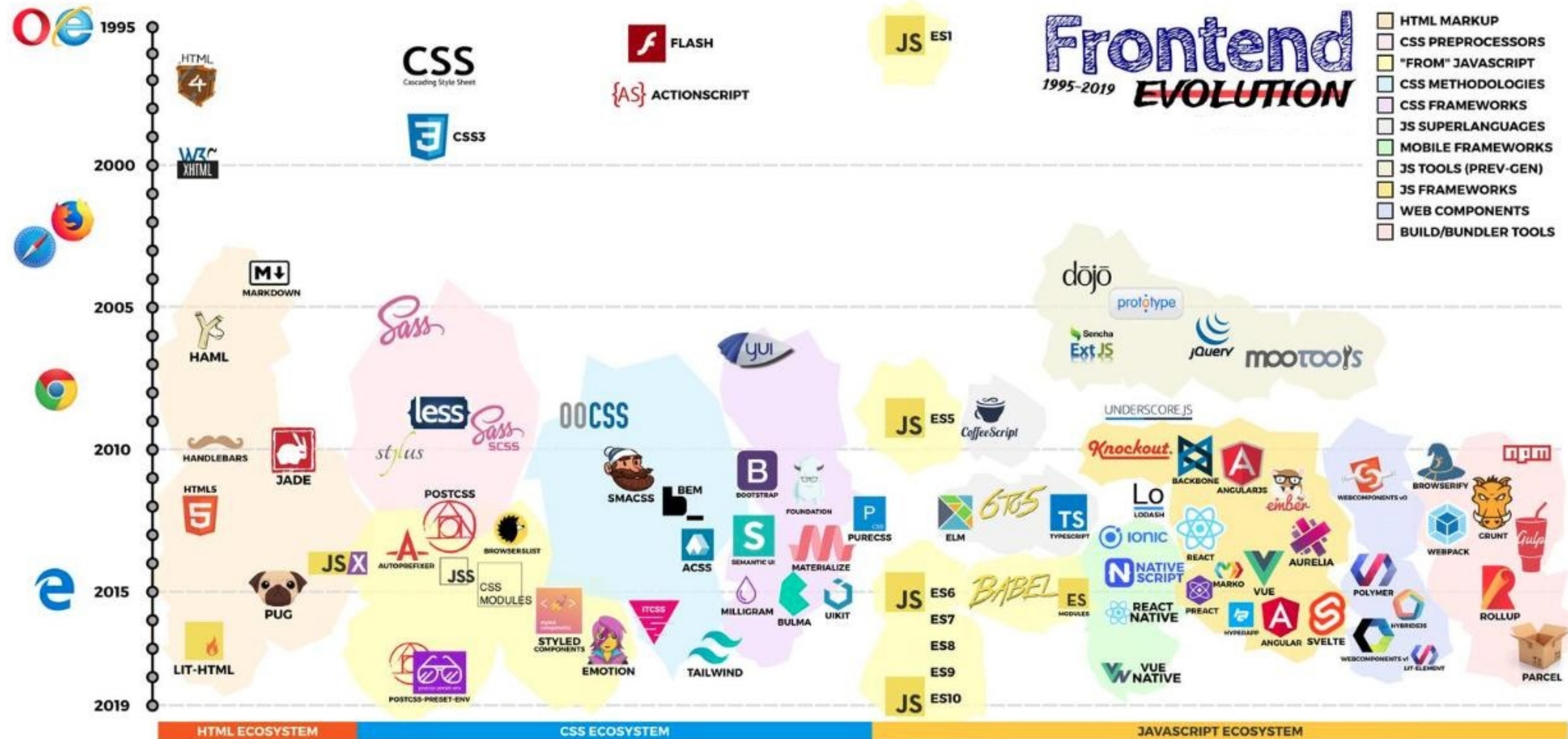
JAVASCRIPT FRAME WORK



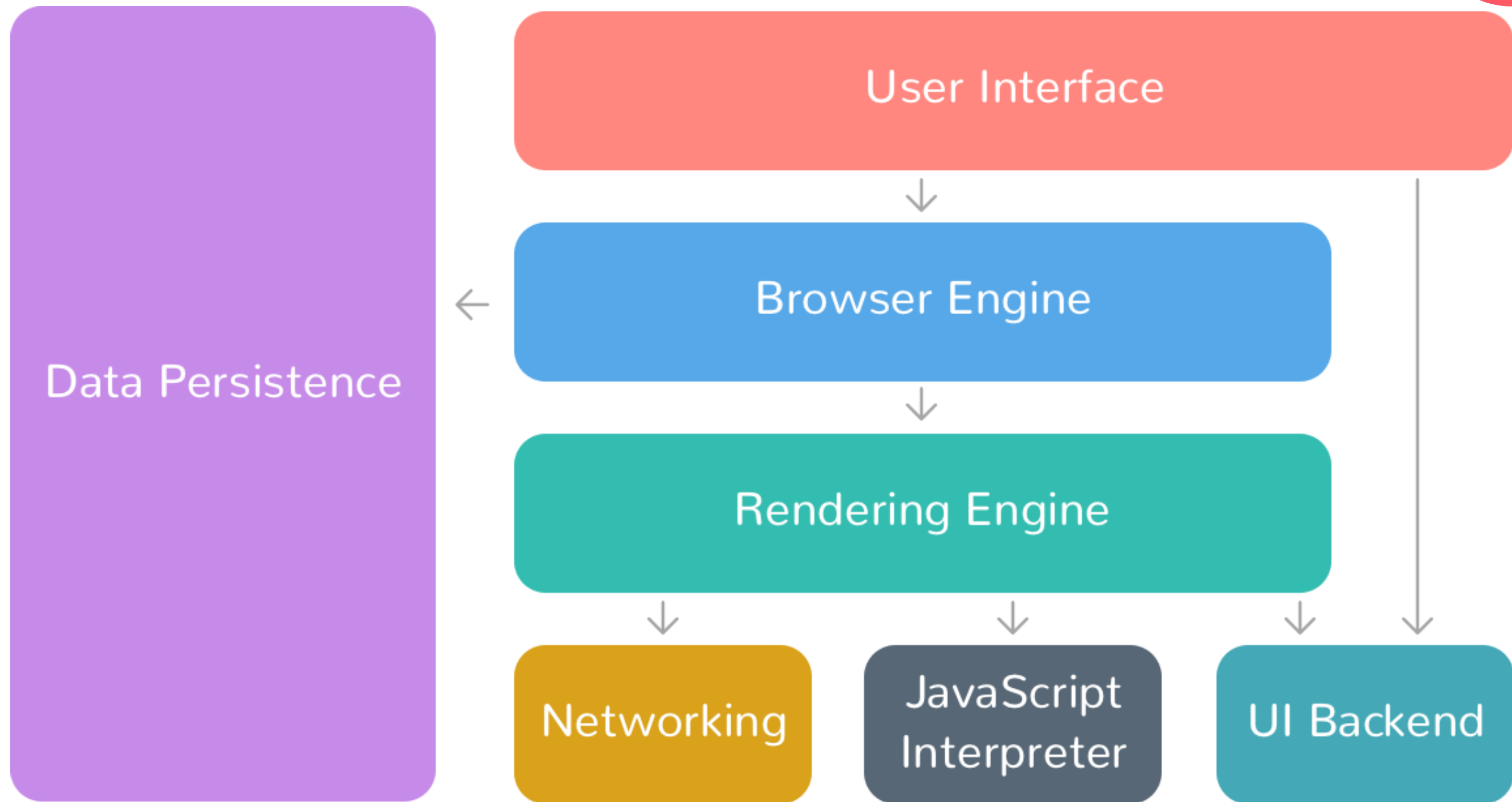
EVOLUTION OF JAVASCRIPT



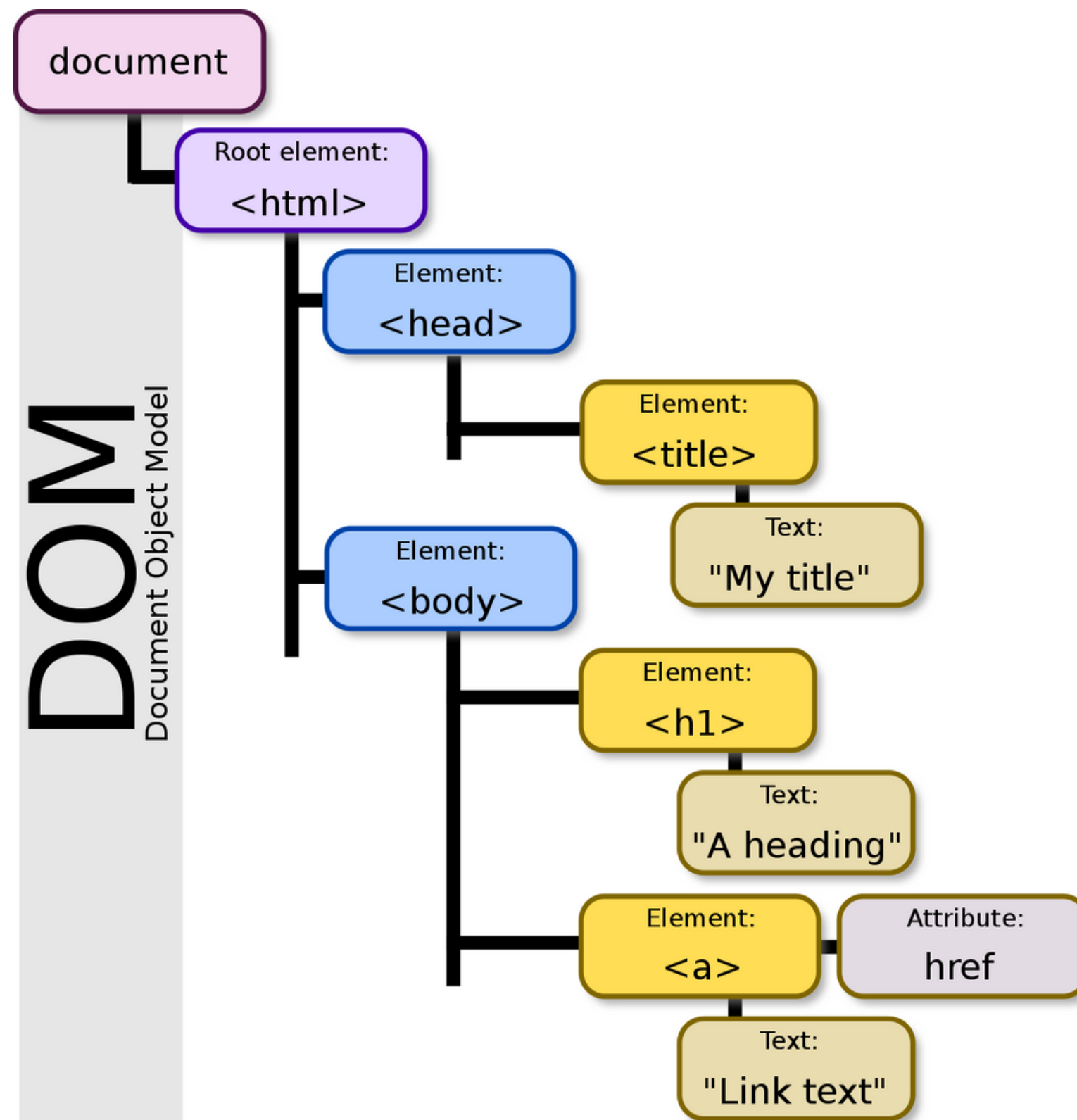
FRONTEND FRAMEWORKS



HOW WEB BROWSER WORKS?



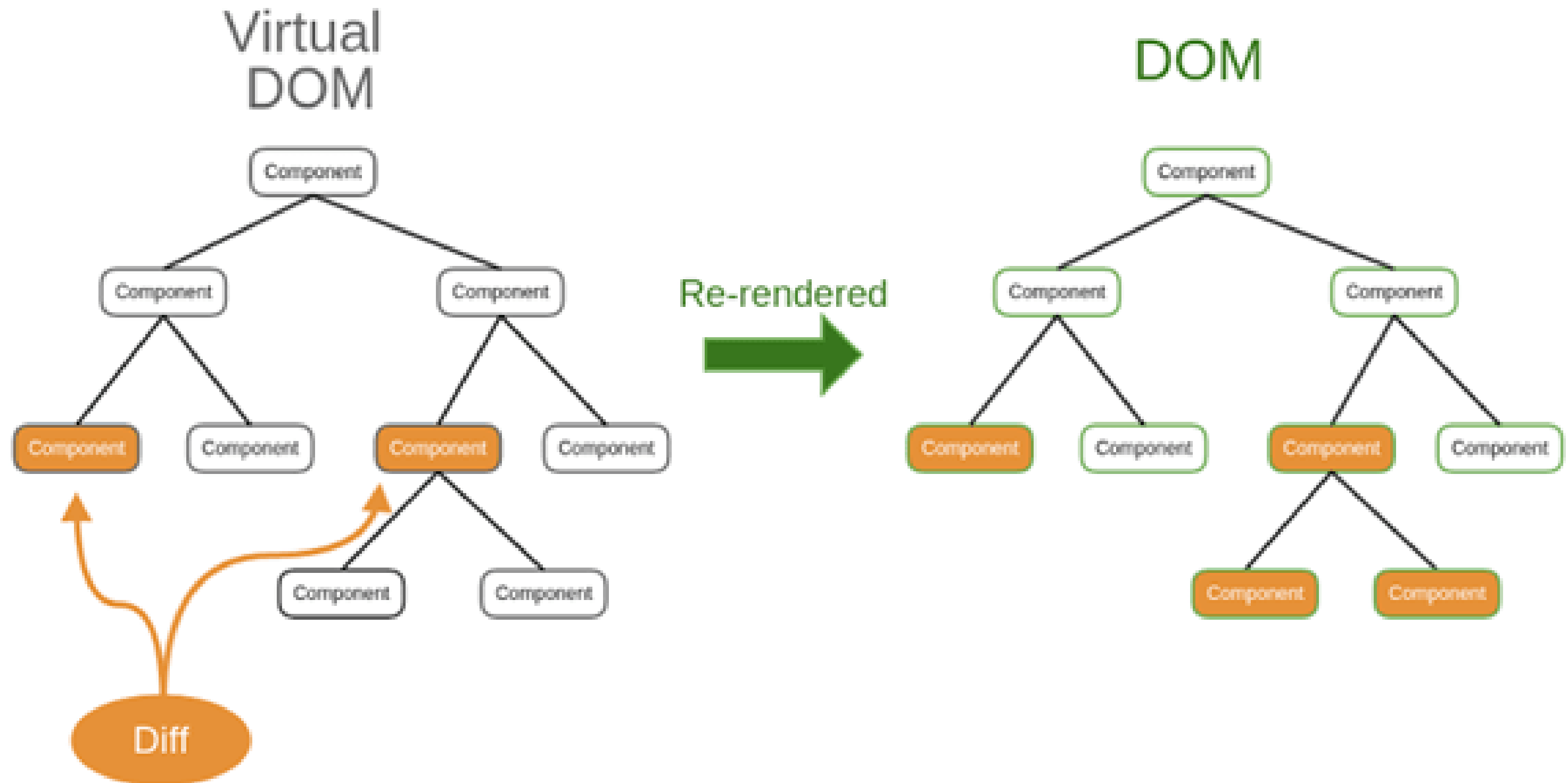
WHAT IS DOM ?



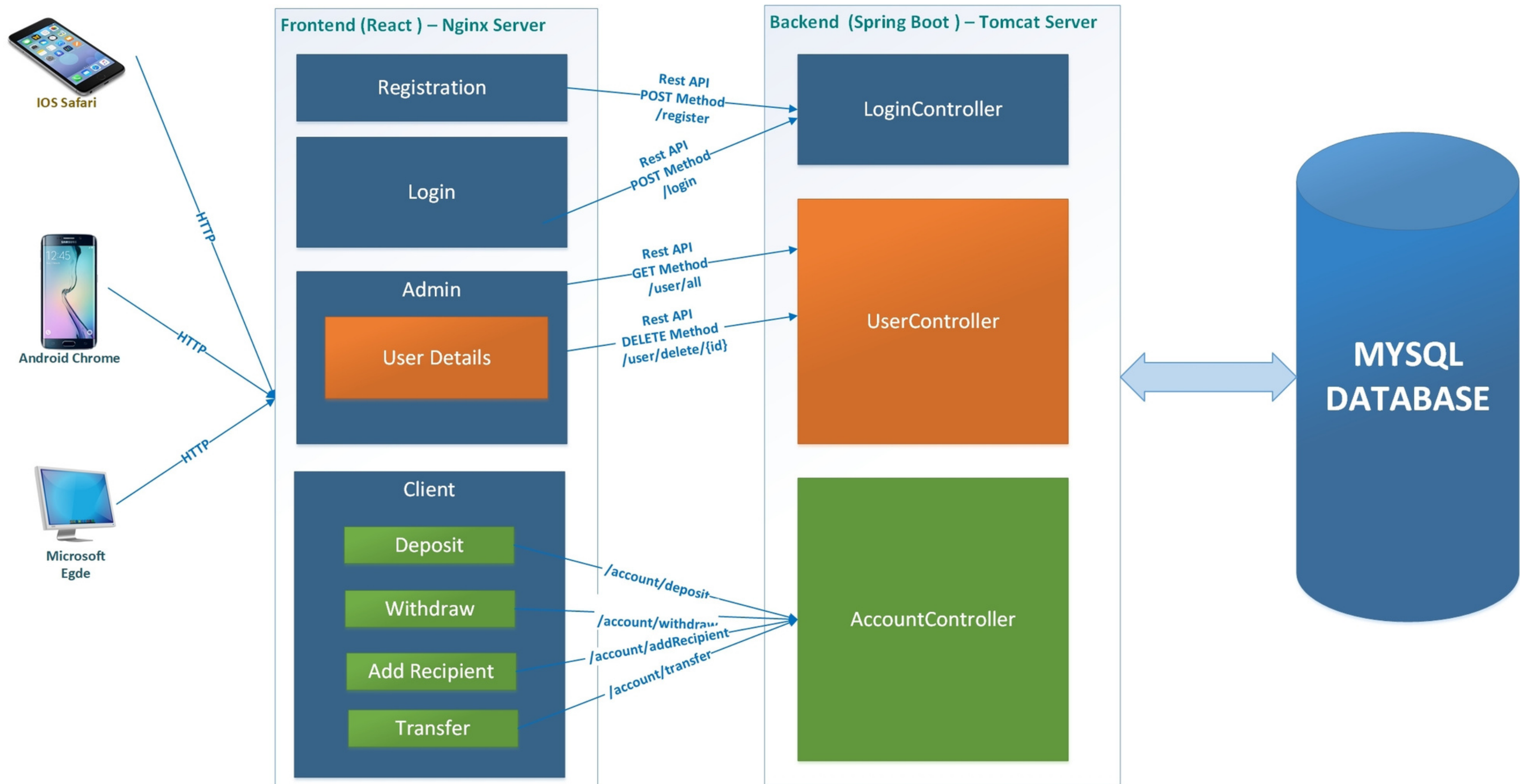
WHAT IS VIRTUAL DOM ?

React
and the
Virtual DOM

RE-RENDERING THROUGH VDOM

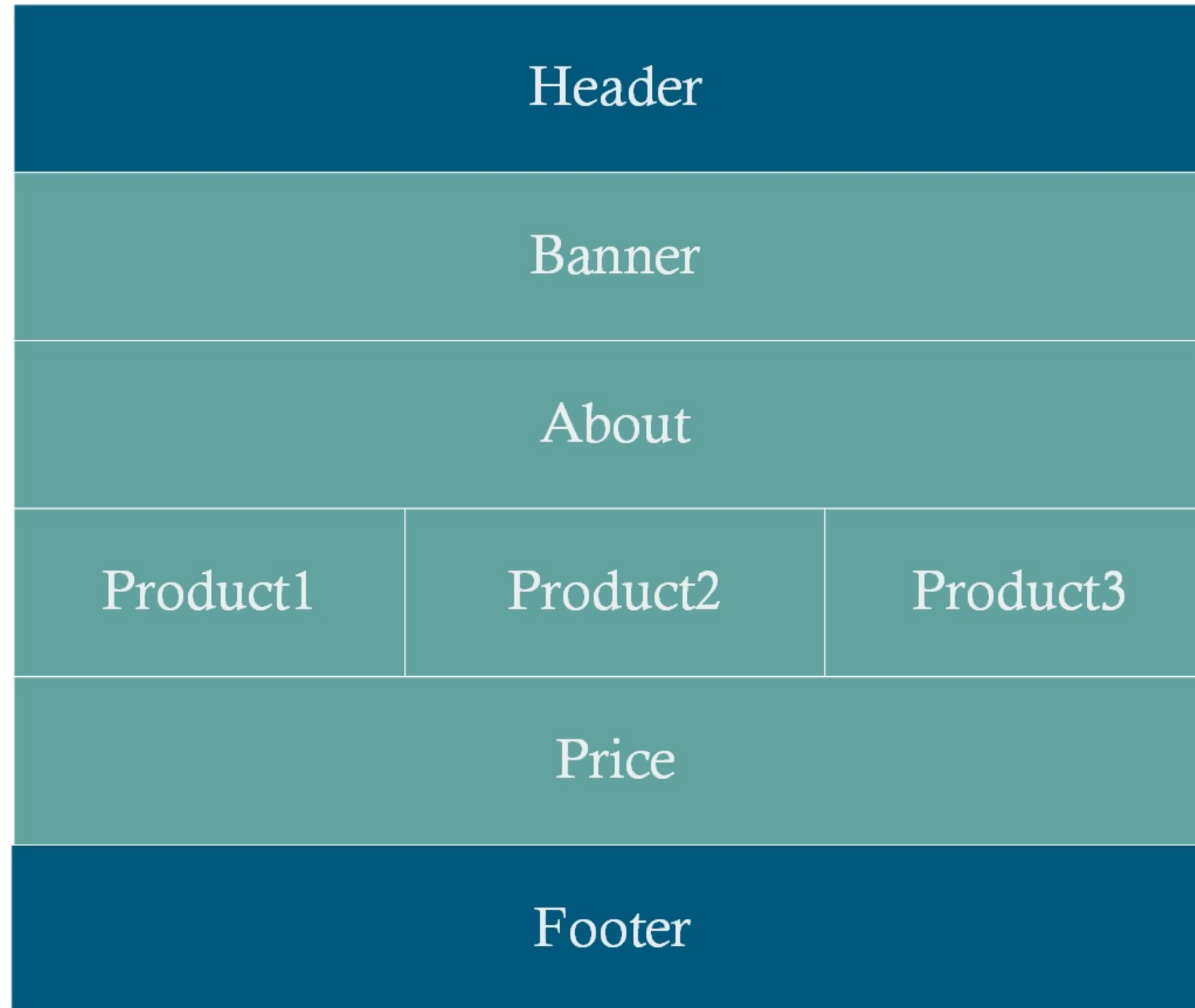


PROJECT ARCHITECTURE



MTD BANK UI

HOME PAGE LAYOUT



CREATE REACT APP

Command : `npm install -g create-react-app`

Description : Install the react package globally, Execute it, if React is not installed already)

Command : `npx create-react-app mtdbank`

Description: Create the React App named as MTD Bank

Command : `cd mtdbank`
`npm start`

CODE

- **FrontEnd Code :**

<https://github.com/techpro-education/mtd-frontend>

Notes : <https://tinyurl.com/react-java-app>

REFERENCES

- <https://javascript.info>
<https://reactjs.org>
<https://material-ui.com>
<https://www.npmjs.com>



CONTACT



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