**Frontend kursi dars grafigi.**

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| **1-oy** | |
| 1 | HTML Introduction. Elements, Attributes, Headings, Paragraphs |
| 2 | Styles, Text Formatting, Comments, Colors (full) |
| 3 | Links, Images, Tables, Parent-Child Relationships |
| 4 | Block-level vs Inline, Div, Id and Classes |
| 5 | Iframe, Semantics (header, nav, section, article, aside, footer), Audio, Video |
| 6 | Practice with Table |
| 7 | Practice with Form |
| 8 | Practice with HTML5 Semantics |
| 9 | CSS3. Selectors and Visual Rules, Dev Tools, Fonts, Backgrounds and Borders |
| 10 | Box Model, Float, Display and Positions |
| 11 | Link State & Button Styling, Css transitions |
| 12 | Typography, Layout with Flexbox |
| **2-oy** | |
| 1 | Landing Page - 1 {practice} |
| 2 | Landing Page - 2 {practice} |
| 3 | CSS3 preprocessors. SASS/SCSS/LESS/Stylus, Variables, Nesting in preprocessors |
| 4 | Mixins, Extend, Functions, Import and Partials |
| 5 | Responsive design - 1 {practice} |
| 6 | Responsive design - 2 {practice} |
| 7 | Bootstrap/Materialize/Bulma |
| 8 | Bootstrap Grid, CSS GRID |
| 9 | Portfolio Project {practice} |
| 10 | Git and Github |
| 11 | Upload all projects to github. Deploy. {Netlify} |
| 12 | Figma Crash Course |
| **3-oy** | |
| 1 | Algorithms. Basic of programming |
| 2 | Javascript. Variables and Values. |
| 3 | Data Types, Operators, Comment, How to Model Data Efficiently, Controlling Program Logic and Flow: If statement |
| 4 | The World of Loops |
| 5 | Writing Reusable Code with Functions, An Advanced Look at Functions, Apply Functions to Collections of Data |
| 6 | ForEach, Map, Filter, Find, every and some, reduce |
| 7 | Rest and Spread, Destructuring, Classes, Promises and Fetch |
| 8 | JS in the browser – DOM |
| 9 | JS in the browser – DOM Manipulation |
| 10 | JS in the browser – DOM Events |
| 11 | JS in the browser - DOM(PRACTICE) |
| 12 | JS in the browser – DOM(PRACTICE) |
| **4-oy** | |
| 1 | Introduction Jquery, elements, selectors, events |
| 2 | Jquery animations Hide, Show, SlideUp, SlideDown, Fade |
| 3 | Jquery animations (practice) |
| 4 | Jquery DOM Manipulations |
| 5 | Jquery Plugins |
| 6 | Sliders Swiper.js, Slick.js, Owl corousel |
| 7 | GSAP js TweenMax, From, to, FromTo, set, |
| 8 | GSAP js (Practice) |
| 9 | ScrollMagic js |
| 10 | ScrollMagic js (practice) |
| 11 | Barba js |
| 12 | Barba js (practice) |
| **5-oy** | |
| 1 | Introduction React.js, What is SPA |
| 2 | NPM , React-create-app |
| 3 | React components, understanding react components |
| 4 | JSX Writing HTML with JSX |
| 5 | Files structure, css modules |
| 6 | Introduction application , creating our application layout |
| 7 | Creating our application components |
| 8 | React Props , creating our application store |
| 9 | React Routing , Route, Browser-Router |
| 10 | Component props from store, method map |
| 11 | React State, component states |
| 12 | Review react js |
| **6-oy** | |
| 1 | React events , onClick, onChange |
| 2 | Flux structure, callback, subscribe, observer |
| 3 | Dispatch and actionCreator functions |
| 4 | React readucer |
| 5 | React Redux, Redux store, redux dispatch |
| 6 | React context, context provider, context content |
| 7 | mapDispatchToProps, mapStateToProps functions |
| 8 | Intraduction API , how to work API in react |
| 9 | Rest API |
| 10 | React Practice |
| 11 | React Practice |
| 12 | Review react js |