

Moja prva REACT aplikacija

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Softver Inženjer

Oblasti interesovanja:

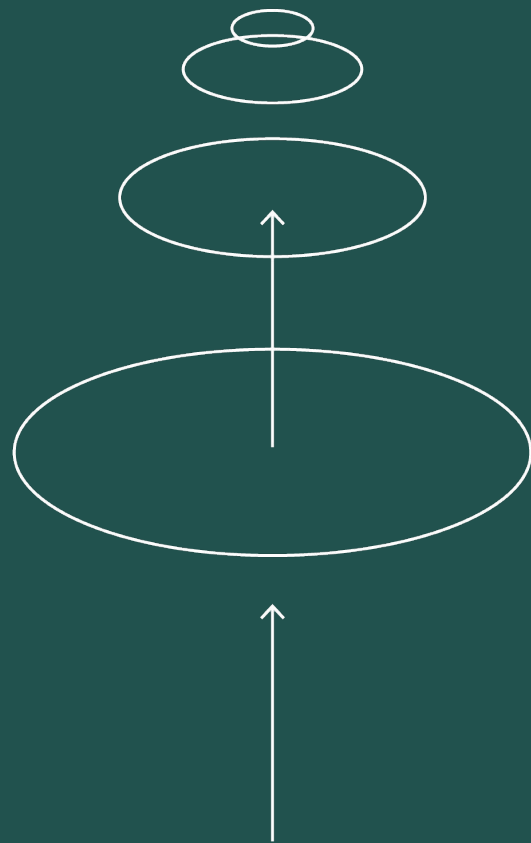
- Web programiranje
- Data inženjering

vegaIT



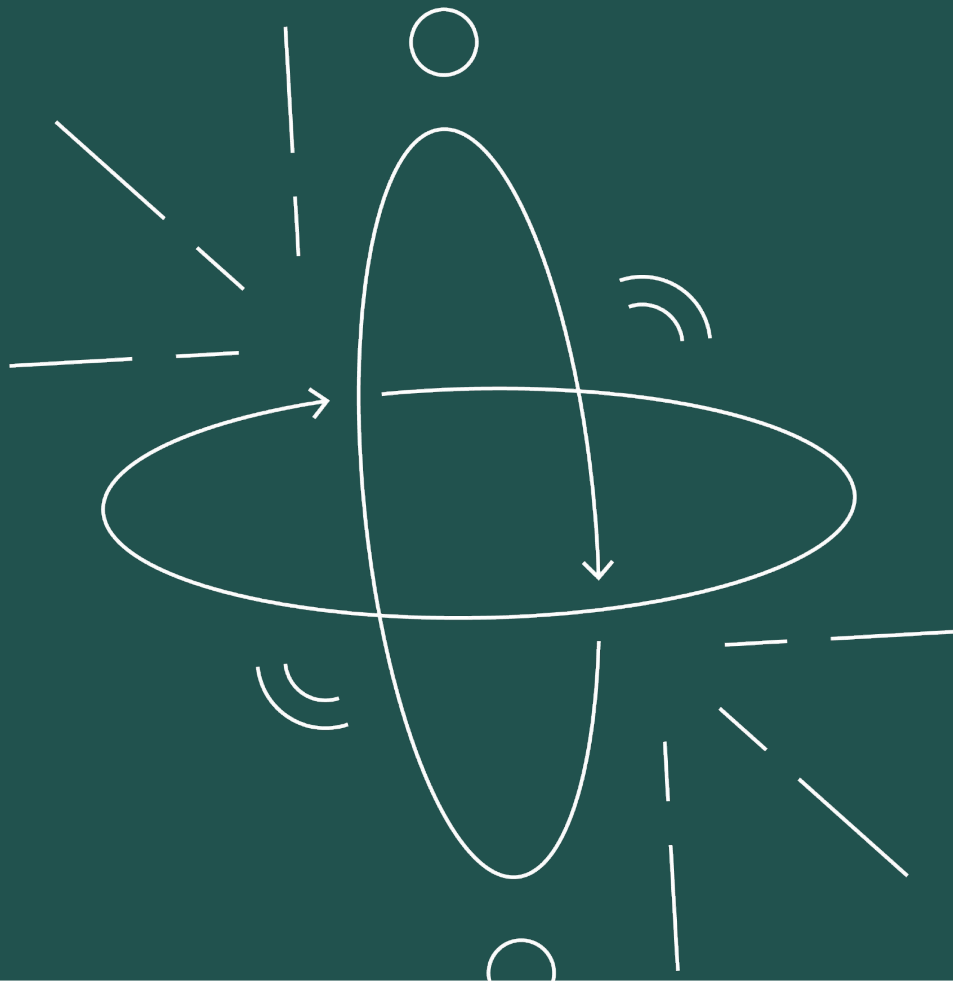
Agenda

Okupljanje	10:00 - 10:30
Uvod	10:30 - 11:00
Prvi zadatak	11:00 - 13:00
Ručak	13:00 - 13:30
Drugi zadatak	13:30 - 15:30
Kviz	15:30 - 16:00



Šta je React?

- JavaScript biblioteka za izradu grafičkog korisničkog interfejsa
- Sastoji se od komponenata i svaka komponenta u sebi može sadržati druge komponente

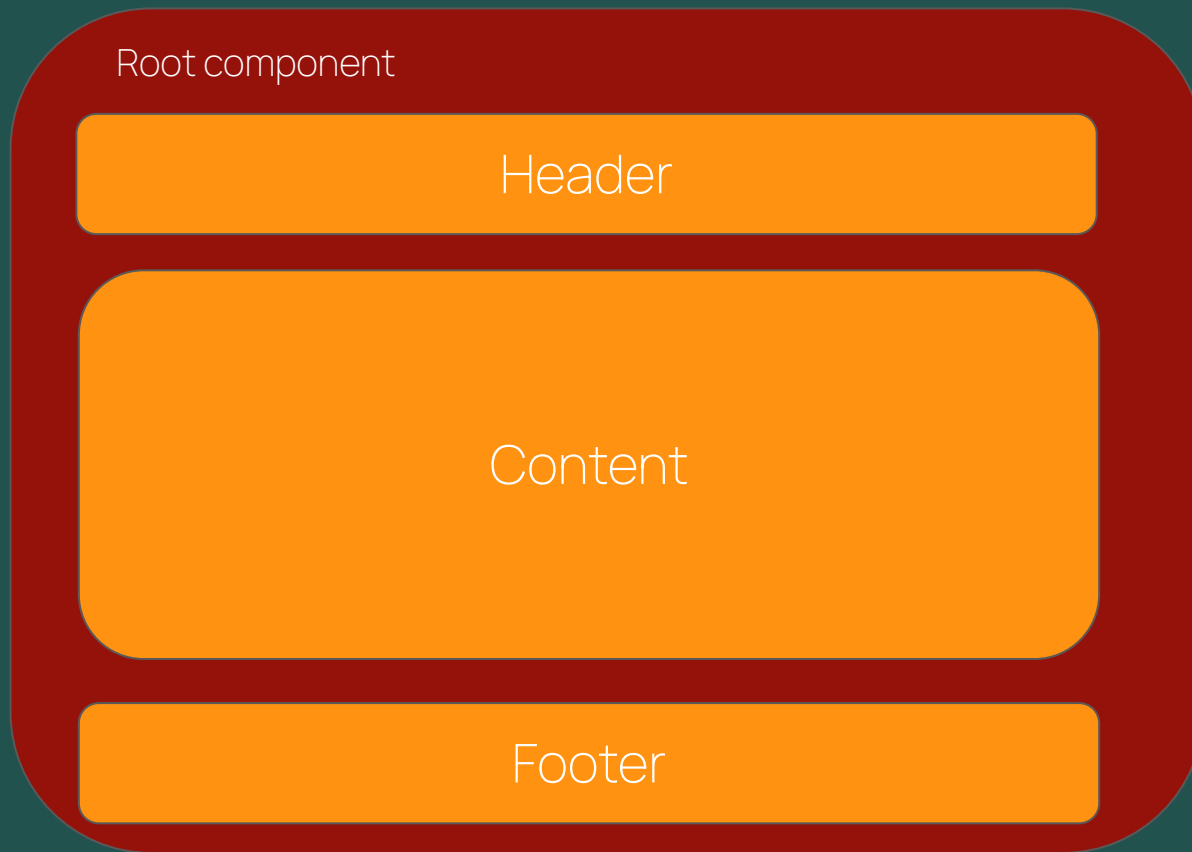


Šta je komponenta?

- Deo korisničkog interfejsa koji se može ponovo koristiti
- Svaka komponenta u sebi može sadržati komponente
- Dobija se stablo komponenti počevši od root komponente, grana se sve do listova



Primer podele na komponente



Podešavanje okruženja

Proverite da li imate instaliran node i npm na vašem računaru

Otvorite terminal i kucajte komandu *node - -version*

Instalacija node + npm

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

Editor

<https://code.visualstudio.com/download>



Kreiranje prve React aplikacije

```
s.sumar@ssumar MINGW64 ~/Desktop/React
$ npx create-react-app my-first-application

Creating a new React app in C:\Users\s.sumar\Desktop\React\my-first-application.

Installing packages. This might take a couple of minutes.
Installing react, react-dom, and react-scripts with cra-template...

added 1422 packages in 54s

233 packages are looking for funding
  run `npm fund` for details

Initialized a git repository.

Installing template dependencies using npm...

added 62 packages, and changed 1 package in 4s

233 packages are looking for funding
  run `npm fund` for details
Removing template package using npm...

removed 1 package, and audited 1484 packages in 2s

233 packages are looking for funding
  run `npm fund` for details

6 high severity vulnerabilities

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.

Created git commit.

Success! Created my-first-application at C:\Users\s.sumar\Desktop\React\my-first-application
Inside that directory, you can run several commands:

  npm start
    Starts the development server.

  npm run build
    Bundles the app into static files for production.

  npm test
    Starts the test runner.

  npm run eject
    Removes this tool and copies build dependencies, configuration files
    and scripts into the app directory. If you do this, you can't go back!

We suggest that you begin by typing:

  cd my-first-application
  npm start

Happy hacking!
```



Prvi zadatak

Na osnovu dobijenog statičkog HTML koda napraviti React aplikaciju.

- Obratiti pažnju na broj i uloge komponenti
- Nije potrebno implementirati logiku

Implementirati rutiranje

- /
- /personal
- /contacts



Ručak



Drugi zadatak

- Implementirati filtriranje favorita
- Implementirati dodavanje/uklanjanje kontakta u favorite



Quiz Time

<https://kahoot.it>



Q & A?

