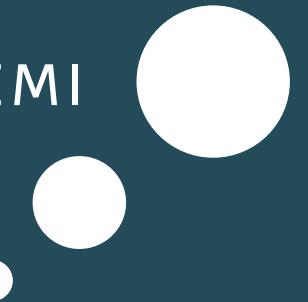


ERHVERVSAKADEMI
AARHUS

Professionsbachelor i Webudvikling

1½-årig overbygning på Erhvervsakademi Aarhus



Dit fremtidige job?

Web

Frontend

Backend

Fullstack

udvikler

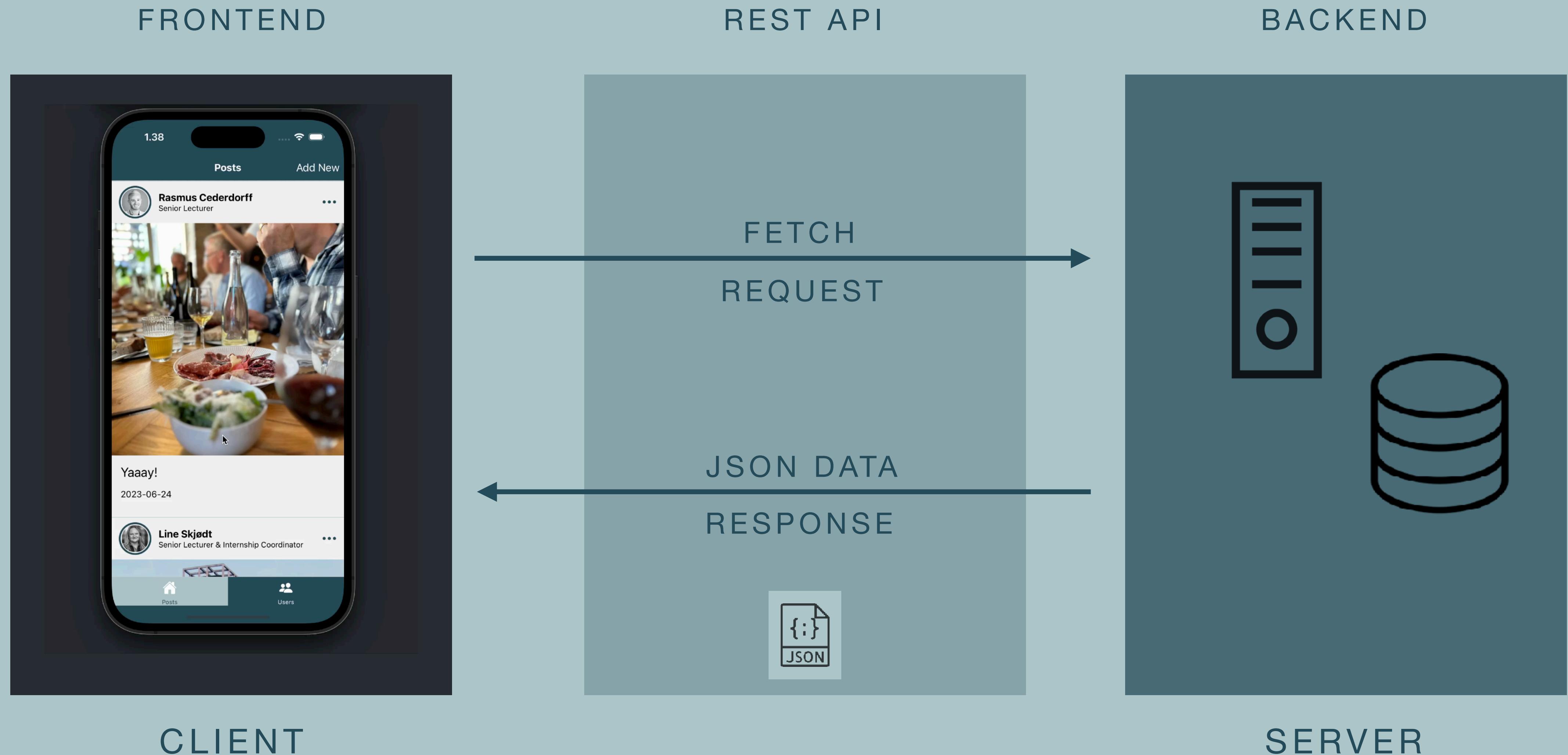
Web

UI

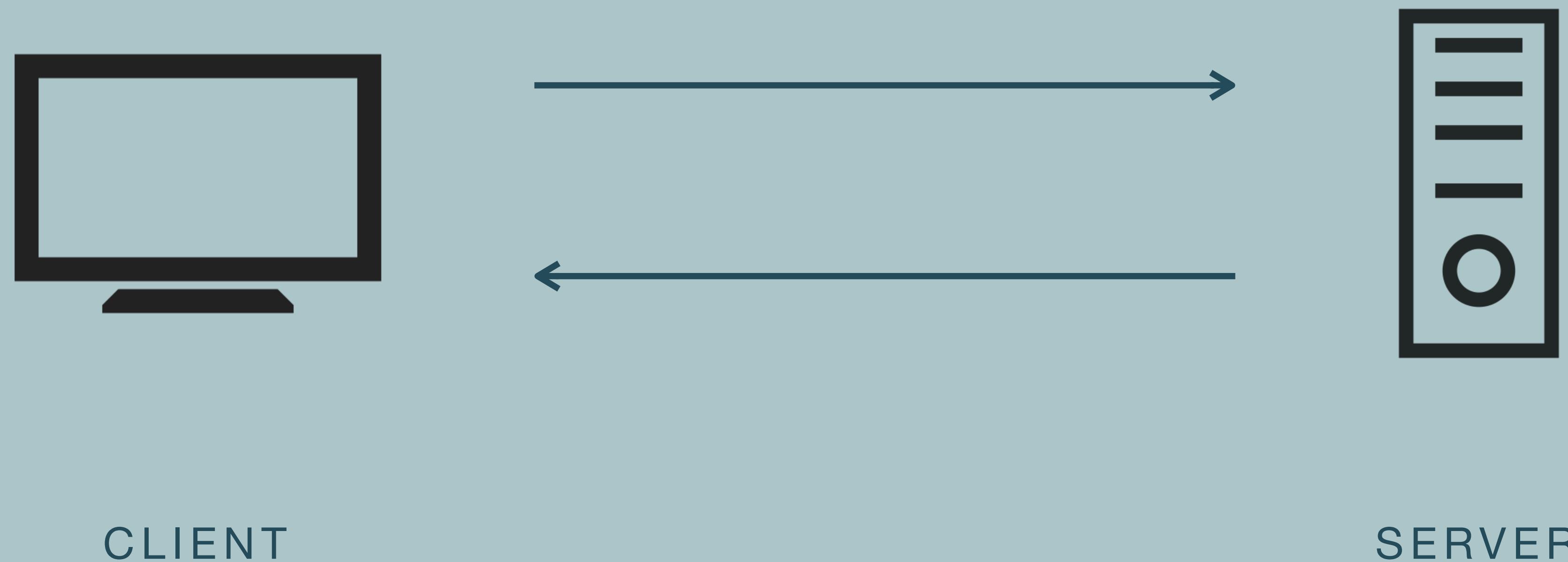
UX

designer

Webudvikling



Client Server Model



Job

Kandidat

Webudvikling

Multimediedesign

Datamatiker

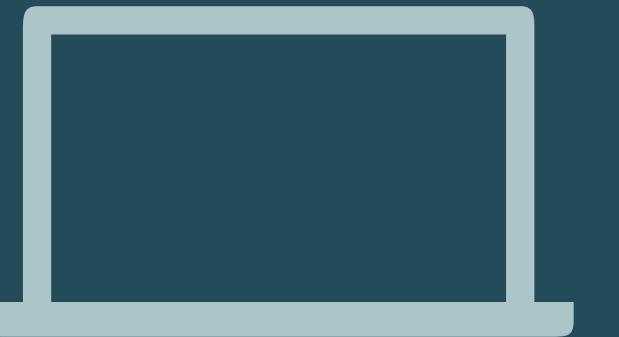


Grundlæggende Programmeringsviden



Er du "web native"?

- Er du nysgerrig på hvad der foregår i en browser, når en webside renderes?
- Vil du kunne bygge web apps og websites med de nyeste frontend frameworks – og samtidig have en god forståelse for de grundlæggende programmeringsmæssige principper?
- Vil du dykke dybt i client/server arkitekturen, og lære at skrive kode både til browsere og servere?
- Vil du forstå databaser – både SQL og NoSQL – og lære at strukturere data og eksponere det igennem et API? Og bruge data der kommer fra et API?





BACKEND

DATABASE
ARCHITECTURE
PERFORMANCE
SECURITY
SCALABILITY

FRONTEND

UI
INTERACTIONS

```
index.html
firebase_crud
> firebase_crud_bootstrap
> firebase_get_started
> form_basic
> form_basic_onchange
> form_location
> form_stepper
> form_stepper_materiali
84 }
85 }
86 /*
87 * Fetches post data from my headless cms
88 */
89 function getPersons() {
90   fetch('http://headlesscms.cederdorff.com/wp-json/wp/v2/posts?_embed')
91     .then(function(response) {
92       return response.json();
93     })
94     .then(function(persons) {
95       persons);
96     .then(function(persons) {
97       persons);
98     .then(function(persons) {
99       persons);
100    .then(function(persons) {
101      persons);
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177                                                                                  persons);
178                                                                                  .then(function(persons) {
179                                                                                    persons);
180                                                                                    .then(function(persons) {
181                                                                persons);
182                                                                .onscroll = function() {
183         if (document.documentElement.scrollTop + window.innerHeight >= document.documentElement.offsetHeight) {
184           getPersons();
185         }
186       });
187     );
188   );
189 
```

MacBook Air

BACKEND

DATABASE
ARCHITECTURE
PERFORMANCE
SECURITY
SCALABILITY

FRONTEND

UI
INTERACTIONS
ARCHITECTURE
PERFORMANCE
SECURITY
SCALABILITY

```
index.html
firebase_crud
firebase_crud_bootstrap
firebase_get_started
form_basic
form_basic_onchange
form_location
form_stepper
form_stepper_materiali
84 }
85 }
86 /*
87 * Fetches post data from my headless cms
88 */
89 function getPersons() {
90   fetch('http://headlesscms.cederdorff.com/wp-json/wp/v2/posts?_embed')
91     .then(function(response) {
92       return response.json();
93     })
94     .then(function(persons) {
95       persons;
96     })
97     .then(function(persons) {
98       let html = '';
99       persons.forEach(function(person) {
100         html += `<div>2</sup>

Kontorplads

ÅRHUS C, 8000

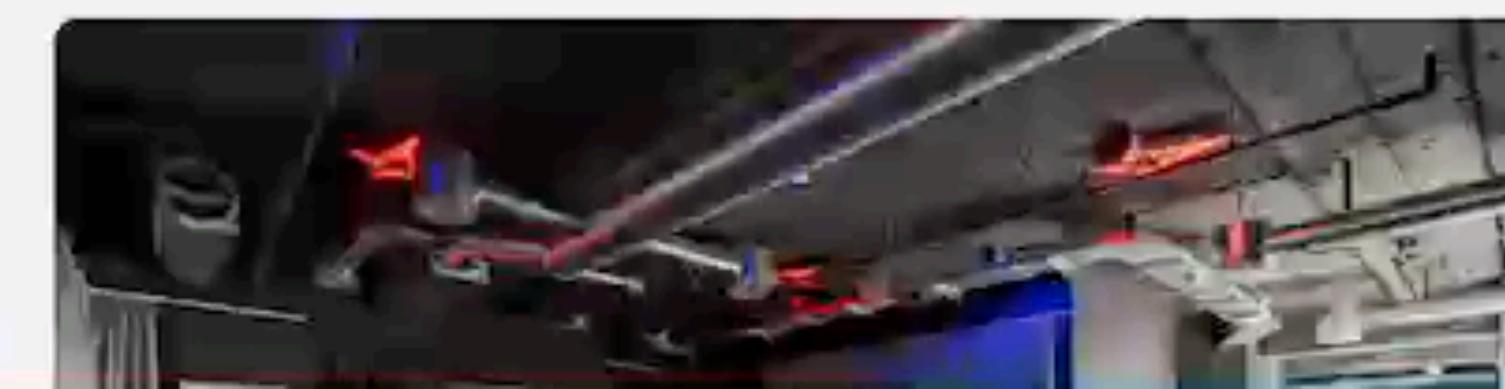
300 DKK / dag

Modelokale

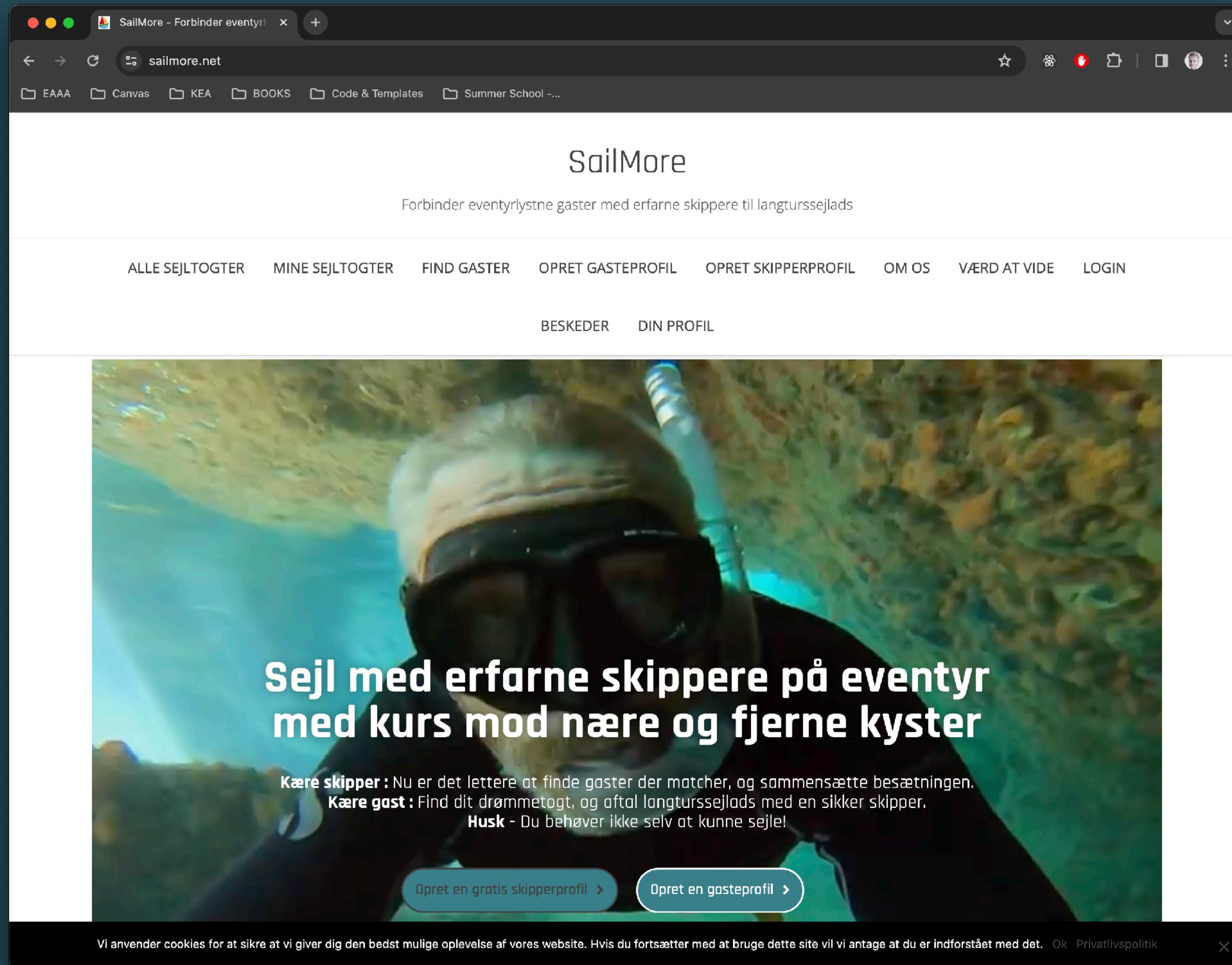
AALBORG, 9000

200 DKK / time

18 m<sup>2</sup>



# Redesign - Web App



# remix



# mongoDB®

# mongoose

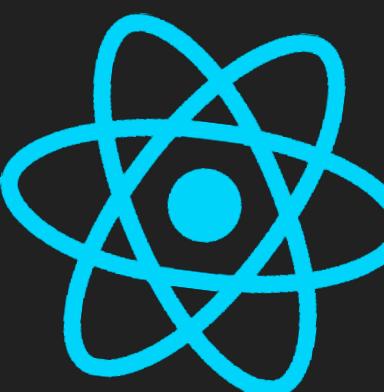
elegant `mongodb` object modeling for `node.js`

## 2. semester: Avanceret webudvikling

**Avanceret Webudvikling** (10 ECTS)

**Valgfag** (20 ECTS):

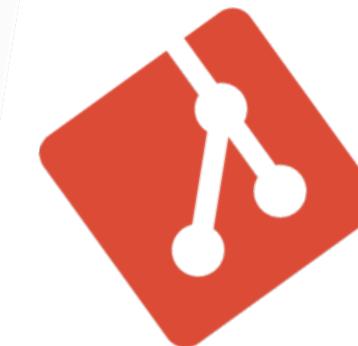
- Brugercentreret Applikationsudvikling
- Smart Solutions
- Creating Immersive Entertaining Experiences



# React



# Visual Studio Code

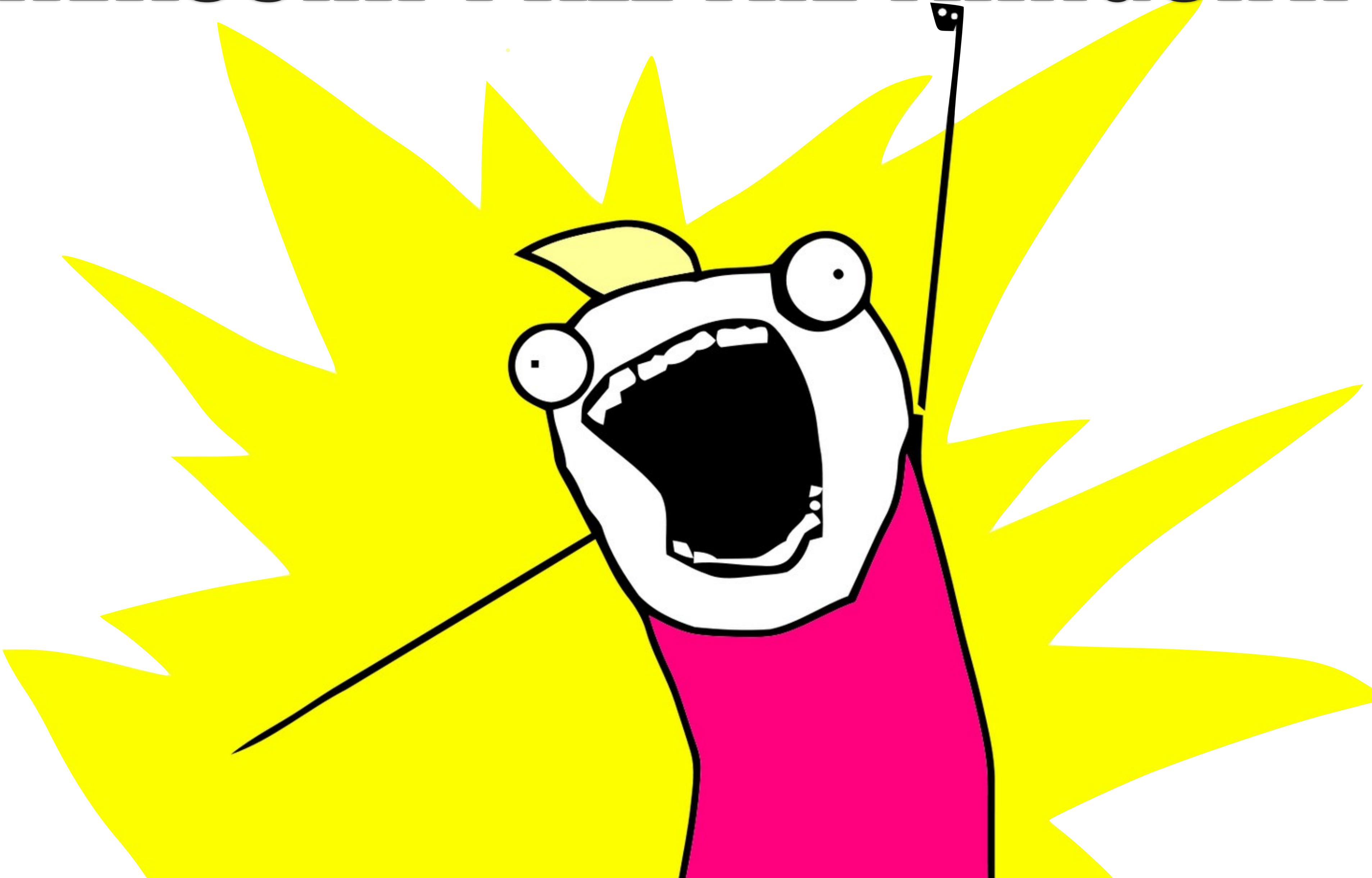


# git



# GitHub

# JAVASCRIPT ALL THE THINGS!!1!



## 2. semester: Avanceret webudvikling

### **Avanceret Webudvikling** (10 ECTS)

#### **Valgfag** (20 ECTS):

- Brugercentreret Applikationsudvikling
- Smart Solutions
- Creating Immersive Entertaining Experiences

Fagelementet ser på applikationsudviklingen i forskellige kontekster og udformninger. Der arbejdes med mobile applikationer, progressive applikationer samt brug af forskellige teknologier, der kan integreres i løsningerne som f.eks. XR, AI osv. Fagelementet tager udgangspunkt i en forståelse af brugerens behov og skaber med anvendelse af relevante frameworks og teknologier en optimeret og testet løsning.

Kollaborativ udvikling af en  
brugervenlig web app

som skal bruges  
af rigtige brugere

og deployes i produktion

og videreudvikles  
uden at blive smadret 💩

The screenshot shows a candidate profile on the candidate.dk platform. At the top, there's a navigation bar with links for Candidates, Login, and Sign up. Below the navigation is a dark header section featuring a large white logo 'CB' and the text 'Multimedia Designer Front-End Developer'. On the left side of the main content area, there's a circular profile picture of a young man, Daniel Berger. Below the picture, his name is displayed. To the right of the profile picture, there are two buttons: 'Portfolio' and 'Contact me'. The main content area is divided into several sections: 'Skills' (UX, Graphic design, Frontend development, Video, Intercultural skills), 'Tools & Programs' (Figma, VS Code, Adobe After Effects, HTML & CSS & JS, Adobe Photoshop, Git & GitHub, Adobe InDesign, Adobe Illustrator), 'Description' (a detailed paragraph about Daniel's creative background and passion for solving real-world problems), 'Education' (Digital Concept Development), and 'Featured projects' (PhanTribe - Startup Company, Project Bose, Project Smokepins ApS). Each project section includes a thumbnail image and a brief description.

# Kandidatportalen

bygget af vores studerende,  
til vores studerende

[candidate.dk](#)

# Bygget kollaborativt med Git

| Graph | Description                                                                                             | Date              | Author               |
|-------|---------------------------------------------------------------------------------------------------------|-------------------|----------------------|
|       | o <b> Edit--Cover-image</b> Added null to form.get("avatar")<br>Changed file name and other small fixes | 24 Mar 2023 08:50 | Mortengh1            |
|       | Changed error message and added select for avatar                                                       | 24 Mar 2023 08:47 | Mortengh1            |
|       | [b main] Merge pull request #178 from eaaa-golden-candidates/Project-Slug#1...<br>slug change - 404 fix | 24 Mar 2023 08:43 | Mortengh1            |
|       | Changes defaultValue and removede input type                                                            | 22 Mar 2023 19:24 | sanderoestberg       |
|       | Enables edit on avatar and adds preview                                                                 | 22 Mar 2023 15:06 | Sander               |
|       | Enables edit for cover images and adds preview                                                          | 22 Mar 2023 10:55 | Mortengh1            |
|       | Adds onChange to input field                                                                            | 22 Mar 2023 10:49 | Mortengh1            |
|       | Merge pull request #181 from eaaa-golden-candidates/tabindex-bug#180                                    | 22 Mar 2023 10:35 | Mortengh1            |
|       | Merge pull request #174 from eaaa-golden-candidates/47-edit-general-details                             | 22 Mar 2023 10:32 | Mortengh1            |
|       | use <fieldset> and <legend>, add fallback to defaultChecked                                             | 22 Mar 2023 09:59 | Johannes Knickeri... |
|       | [b accordion-bug#183] initial commit                                                                    | 22 Mar 2023 09:43 | Casper               |
|       | [b tabindex-bug#180] initial commit                                                                     | 22 Mar 2023 09:42 | caheha               |
|       | [b filterbar#96] updated styling                                                                        | 21 Mar 2023 18:28 | Johannes Knickeri... |
|       | merge main                                                                                              | 21 Mar 2023 18:00 | Johannes Knickeri... |
|       | Merge pull request #165 from eaaa-golden-candidates/filterbar#96-fixes                                  | 21 Mar 2023 17:38 | Johannes Knickeri... |
|       | redirect + error message for update                                                                     | 21 Mar 2023 17:02 | Johannes Knickeri... |
|       | Merge branch 'main' into Project-Slug#136                                                               | 21 Mar 2023 16:51 | Johannes Knickeri... |
|       | [b 47-edit-general-details] fix error                                                                   | 20 Mar 2023 15:36 | Sander               |
|       | error handling + projects loads from slugs                                                              | 20 Mar 2023 14:12 | Sander               |
|       | fix validation                                                                                          | 20 Mar 2023 14:05 | Sander               |
|       | [b stash@{0}] On 91-bookmark-utility: Try formAction                                                    | 20 Mar 2023 14:05 | caheha               |
|       | [b 91-bookmark-utility] full layout + function                                                          | 20 Mar 2023 14:05 | caheha               |
|       | temp bookmarkbtn functions                                                                              | 20 Mar 2023 14:02 | caheha               |
|       | responsive from / to                                                                                    | 20 Mar 2023 12:58 | caheha               |
|       | Merge branch 'main' into 47-edit-general-details                                                        | 20 Mar 2023 12:19 | caheha               |
|       | action creates objects instead                                                                          | 20 Mar 2023 12:07 | caheha               |
|       | disable validators                                                                                      | 20 Mar 2023 11:41 | caheha               |
|       | Merge pull request #172 from eaaa-golden-candidates/fix-global-forms                                    | 20 Mar 2023 11:25 | caheha               |
|       |                                                                                                         | 20 Mar 2023 10:16 | caheha               |
|       |                                                                                                         | 20 Mar 2023 10:16 | caheha               |
|       |                                                                                                         | 20 Mar 2023 09:39 | Dan Okkels Brend...  |

aaa-golden-candidates / Projects / Golden Candidates Scrum Board

Search or jump to... / + ⌘

## Golden Candidates Scrum Board

Backlog | By priority | By size | Companies Global | Issues in hierarchy | + New view

Filter by keyword or by field

New 8

- golden-candidates #183 Unintentional refresh on /candidates bug
- golden-candidates #191 Design: General Details candidates
- golden-candidates #192 Design: Additional Details candidates
- golden-candidates #193 Design: Skills and programs candidates
- golden-candidates #194 Design: Attachments candidates
- golden-candidates #195 Design: Timeline candidates
- golden-candidates #197 Candidate page design candidates Epic
- golden-candidates #199 Expand candidate model - external links candidates feature

Product backlog 11

- golden-candidates #182 Authorization on /candidates Story
- golden-candidates #155 Admin Epic
- golden-candidates #151 Component: Autocomplete Select feature global
- golden-candidates #132 Landing page feature global
- golden-candidates #57 Component: Companies List candidates feature
- golden-candidates #156 Update list of skills and programs Story
- golden-candidates #58 Header - Nav Large feature global
- golden-candidates #18 Component: Event Calendar feature global
- golden-candidates #10 Verification route - email and verify feature global
- golden-candidates #4 Set up Playwright for e2e testing Add item

Sprint backlog 4

- golden-candidates #129 Edit profile Epic
- golden-candidates #126 Auth Epic
- golden-candidates #50 Edit: Attachments Medium candidates feature global
- golden-candidates #198 Upload images to Cloudinary candidates feature

In progress 4

- golden-candidates #176 Update design for candidates page
- golden-candidates #135 Signup Story
- golden-candidates #44 Create global data schema Large feature global
- golden-candidates #187 Project Slider - New design candidates feature

In review 5

- golden-candidates #96 Component: Filterbar #179 companies feature
- golden-candidates #127 Route: my-profile #173 candidates feature
- golden-candidates #51 Edit: Video Small candidates feature
- golden-candidates #91 Utility: Bookmark #177 companies feature global
- golden-candidates #188 Modal - Close btn #189 candidates feature

Done 66

- golden-candidates #134 Authorization #154 Story
- golden-candidates #64 Sprint cake 1/3 Large X-Large bug
- golden-candidates #15 Component: Sign up form - Candidate & Company #153 #160 feature global
- golden-candidates #113 candidates search result amount companies
- golden-candidates #5 We need cake bug
- golden-candidates #40 Utility: Button component Small #72 feature global
- golden-candidates #41 Utility: Modal Medium #82 feature global
- golden-candidates #42 Utility: Input/Textarea with label Small #71 feature global
- golden-candidates #77 Watch emails and programs routes from projects Small #80 bug candidates
- golden-candidates #20 Add item

Og GitHub Projects, scrum-agtigt

# Edit: cover image and avatar #186

Edit < > Code

Merged

Mortengh1 merged 7 commits into main from Edit--Cover-image 3 hours ago

Conversation 27

Commits 7

Checks 0

Files changed 3

+157 -0



Mortengh1 commented 2 days ago · edited

closes #56

closes #55

Enables edit for cover image and avatar

Adds preview of cover image and avatar

Adds onChange to Input component



Mortengh1 added 2 commits 2 days ago

↳ Adds onChange to input field

...

6dc55de

↳ Enables edit for cover images and adds preview

79658ed



render bot commented 2 days ago

...

Your Render PR Server URL is <https://golden-candidates-staging-pr-186.onrender.com>.

Follow its progress at <https://dashboard.render.com/web/srv/cgcocod/eqgs/mfug/pg>.

Reviewers

bewildergeist



caheha



Still in progress? Learn about draft PRs



Assignees

No one—assign yourself



Labels

None yet



Projects

None yet



Milestone

No milestone



# Og Pull Requests på GitHub...

✓ Edit: Cover image

## 2. semester: Avanceret webudvikling

### **Avanceret Webudvikling** (10 ECTS)

#### **Valgfag** (20 ECTS):

- Brugercentreret Applikationsudvikling
- Smart Solutions
- Creating Immersive Entertaining

Specialiseringen Smart Solutions dækker over en bred vifte af teknologier, hvor der både arbejdes med mulighederne ift. forretning, men også konceptmæssigt i de nye teknologier, ligesom der arbejdes med at kunne udnytte teknologien.

I samspil med en konkret virksomhed udvælges de specifikke teknologier, som der arbejdes med.

Samspillet med en konkret virksomhed udmønter sig i et projekt der danner baggrund for dels forståelse for mulighederne – både teknologisk og forretningsmæssigt, og dels for selve eksamen.

## 2. semester: Avanceret webudvikling

### **Avanceret Webudvikling** (10 ECTS)

#### **Valgfag** (20 ECTS):

- Brugercentreret Applikationsudvikling
- Smart Solutions
- Creating Immersive Entertaining Experiences

Fagelementet omhandler analyse, evaluering, at skabe indhold og producere underholdende UX- projekter, der bruger interaktive medieteknologier. Interaktive medieteknologier relaterer til UX af kanaler og medier, der kan omfatte interaktive platforme som web, auditive og sociale medier og enheder som skærme, augmented reality og virtual reality.

[...]

Efter en kort introduktion af det udvidede begreb om brugeroplevelser er der en studietur til verdens mediehovedstad, New York City, for at indsamle empirisk og inspirerende materiale samt at samarbejde med det belgiske akademi, Thomas More. Her vil der i det samarbejde være online undervisning i Belgien.

- Ligesom på Multimediedesigner eller Datamatiker får du på Webudvikling anledning til at afprøve og videreudvikle dine kompetencer i et 10 uger langt praktikforløb
- En værdifuld mulighed for at indgå i et professionelt samarbejde med andre udviklere
- Og en god måde at udvikle sit netværk og skabe gode kontakter både i forhold til bachelorprojekt-samarbejde, men også senere jobsøgning.



### 3. semester: Webudvikling i praksis

**Praktik** (15 ECTS)

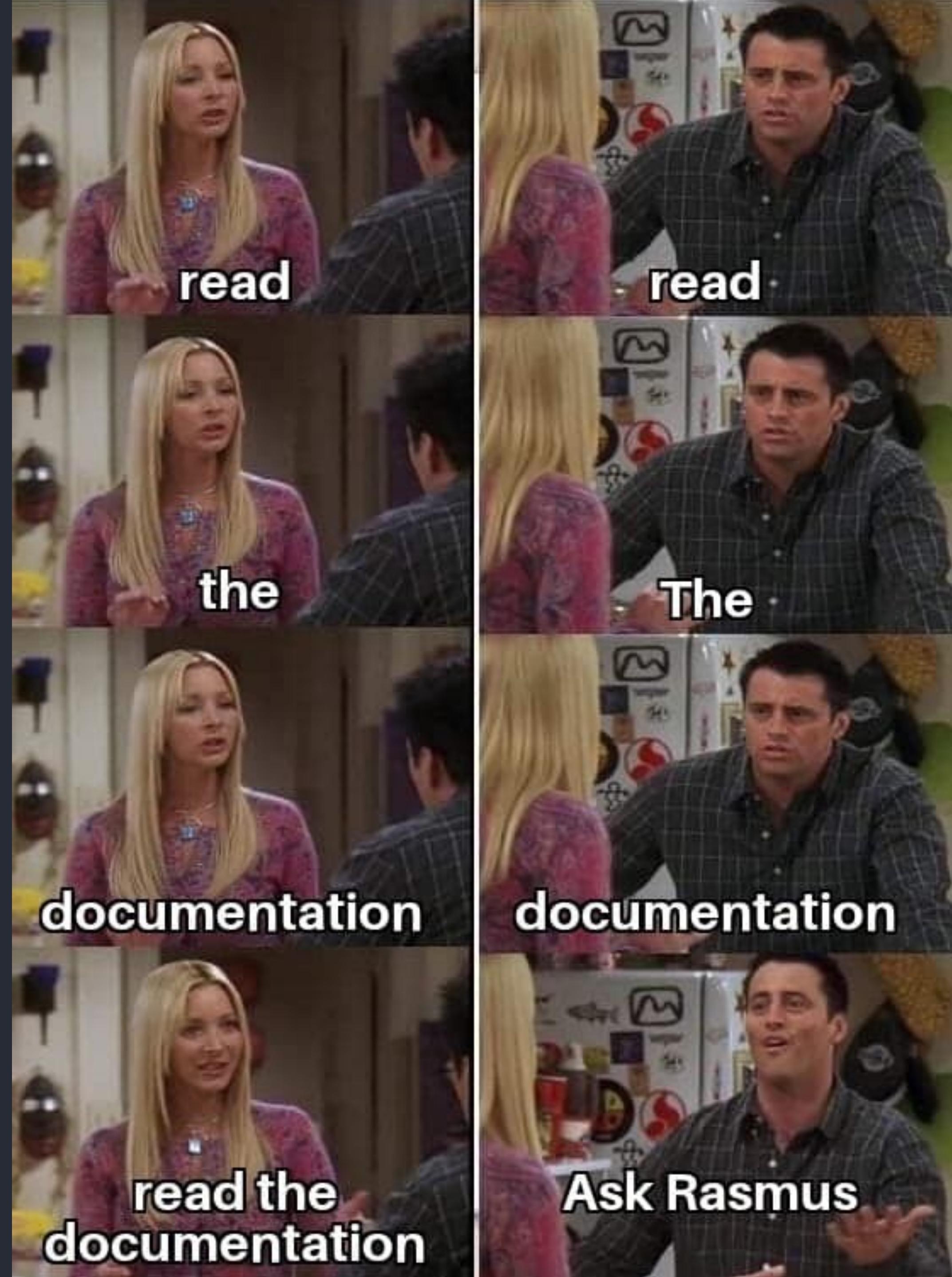
**Bachelorprojekt** (15 ECTS)

- Uddannelsen afsluttes med et bachelorprojekt, hvor du får mulighed for at gå analytisk og metodisk til værks og dykke dybt ned i en faglig problemstilling
- Tit laves projektet i samarbejde med en virksomhed, oftest praktikvirksomheden
- Du får anledning til at vise hele din bredde som webudvikler
- Eksempler: Re-implementering af administrationssystem i NextJS, udvikling af en browser extension, implementering af Single Sign On i Vue, konvertering af større kodebase fra JavaScript til TypeScript

### 3. semester: Webudvikling i praksis

**Praktik** (15 ECTS)

**Bachelorprojekt** (15 ECTS)





**Besøg vores website**  
for mere information

[eaaa.dk/videregaaende-uddannelser/professionsbachelor-som-overbygning/webudvikling/](http://eaaa.dk/videregaaende-uddannelser/professionsbachelor-som-overbygning/webudvikling/)



# Overvej dine fremtidsmuligheder

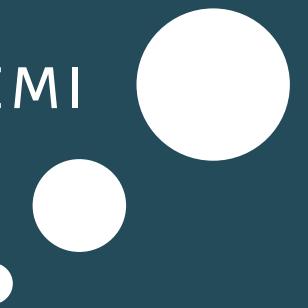
Interesser? Passion?

Studier? Job? Løn?



# I can teach everyone how to code

... as long as you are eager to learn



# Spørgsmål



Anne Kirketerp  
[anki@eaaa.dk](mailto:anki@eaaa.dk)



Dan Okkels Brendstrup  
[dob@eaaa.dk](mailto:dob@eaaa.dk)



Rasmus Cederdorff  
[race@eaaa.dk](mailto:race@eaaa.dk)