

RUBBERDØK PRESENTERER:

Intro til SSR

Server-Side Rendering

Innhold

- Struktur i webapplikasjoner
- Client-Side Rendering (CSR)
 - Hva gjør Google nå?
- Server-Side Rendering (SSR)
 - Hva gjør Google nå da?
 - Next.js



Struktur i webapplikasjoner

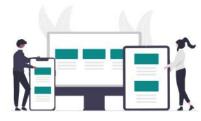
Frontend server indokntnu.no

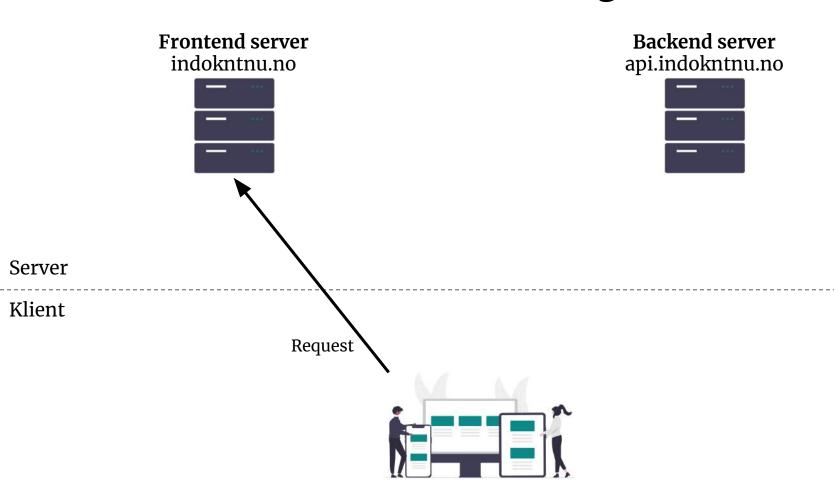


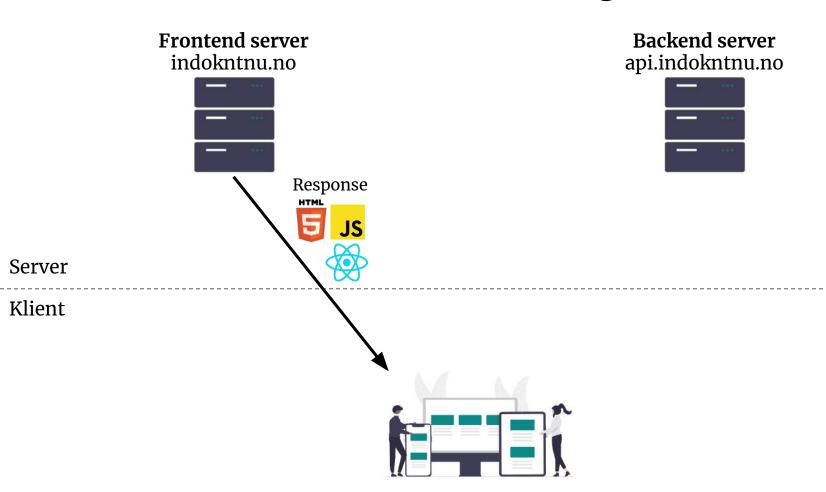
Backend server api.indokntnu.no



Server







Frontend server indokntnu.no



Backend server api.indokntnu.no



Server



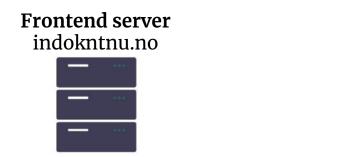


Backend server api.indokntnu.no



Server

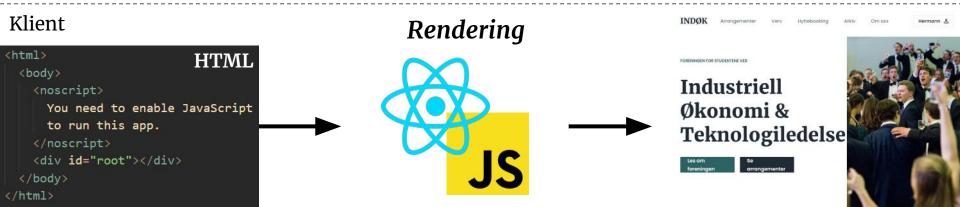
Klient

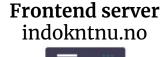


Backend server api.indokntnu.no



Server



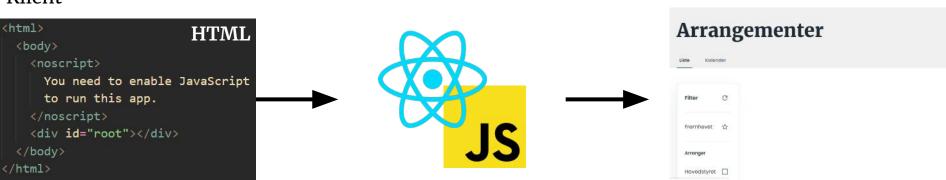


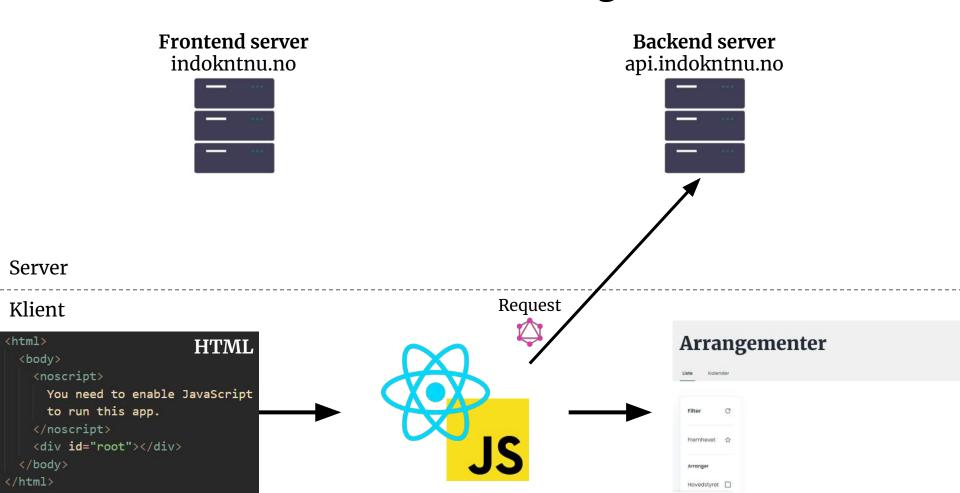


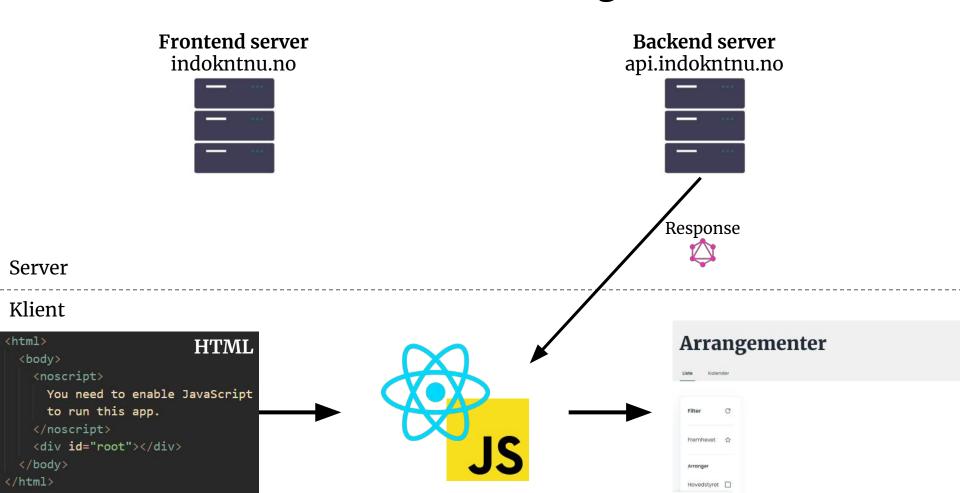
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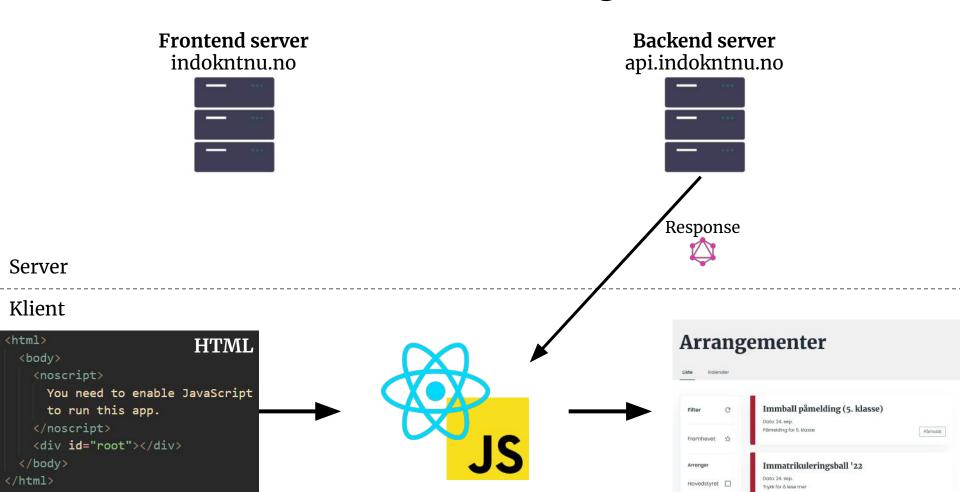


Server









Frontend server indokntnu.no

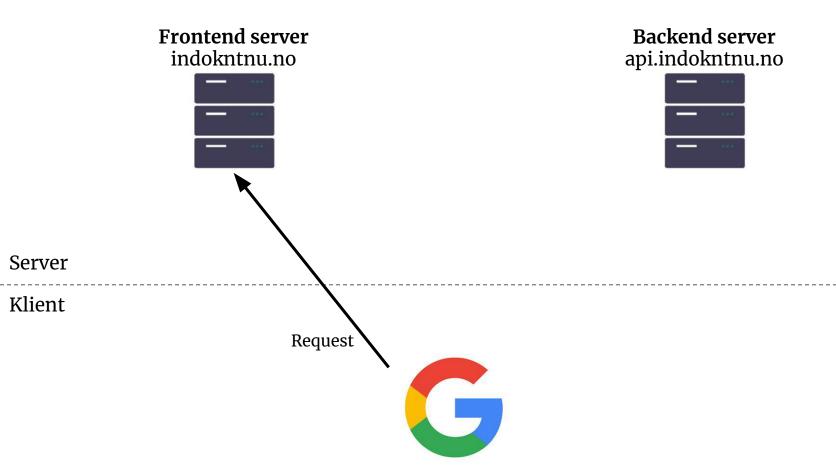


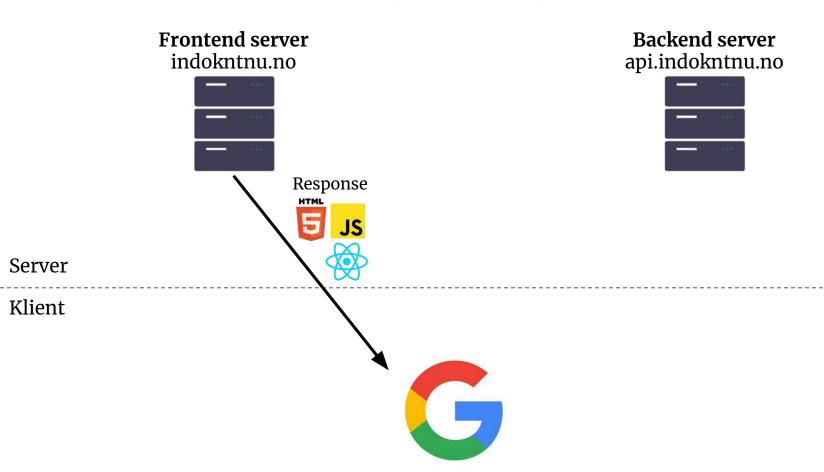
Backend server api.indokntnu.no



Server







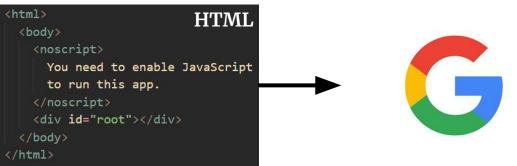




Backend server api.indokntnu.no

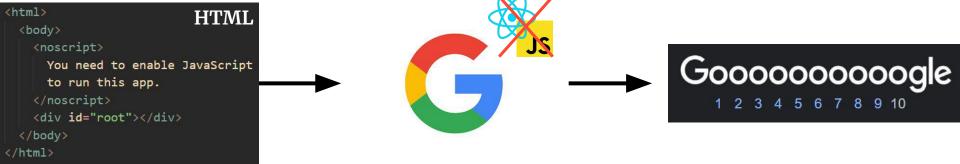


Server





Server



Frontend server indokntnu.no

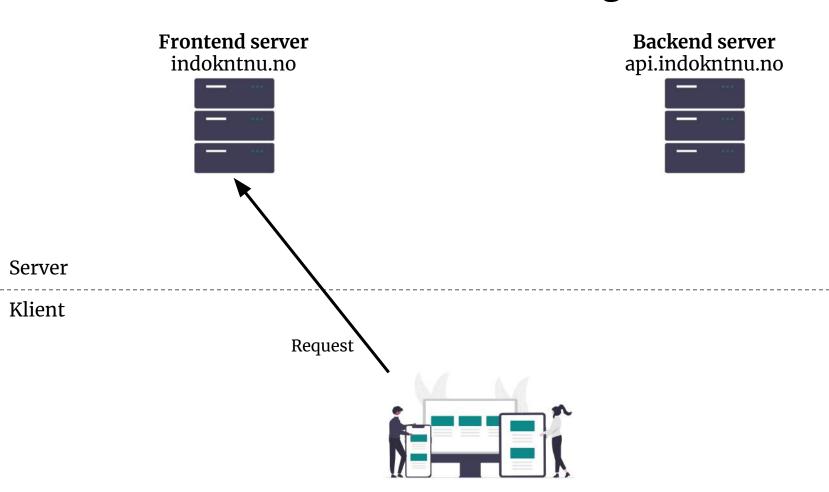


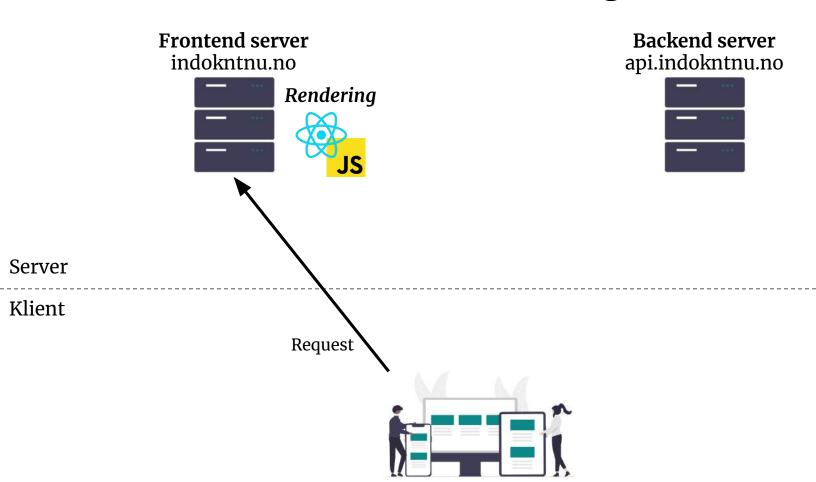
Backend server api.indokntnu.no

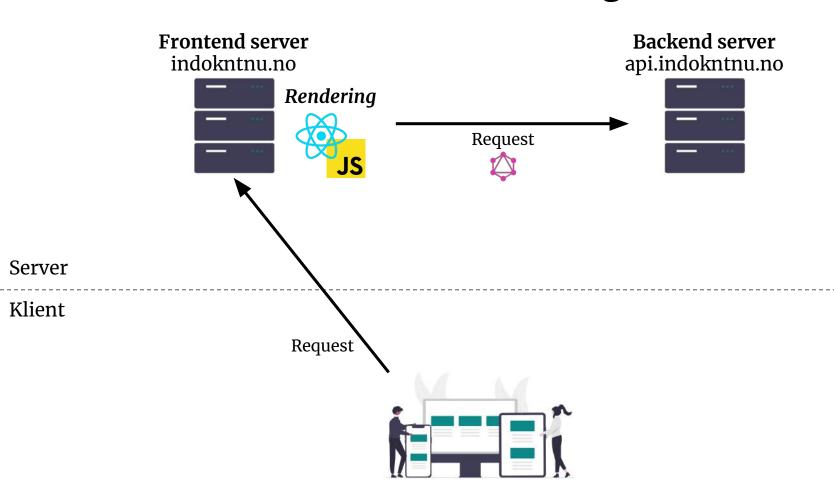


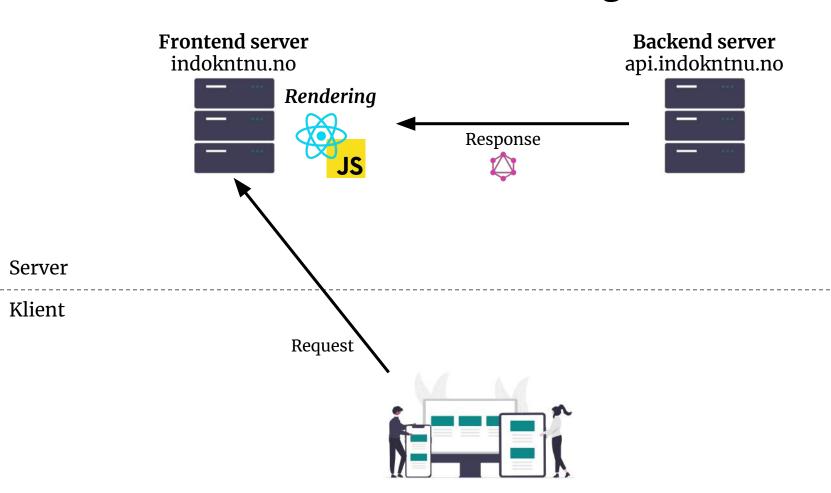
Server

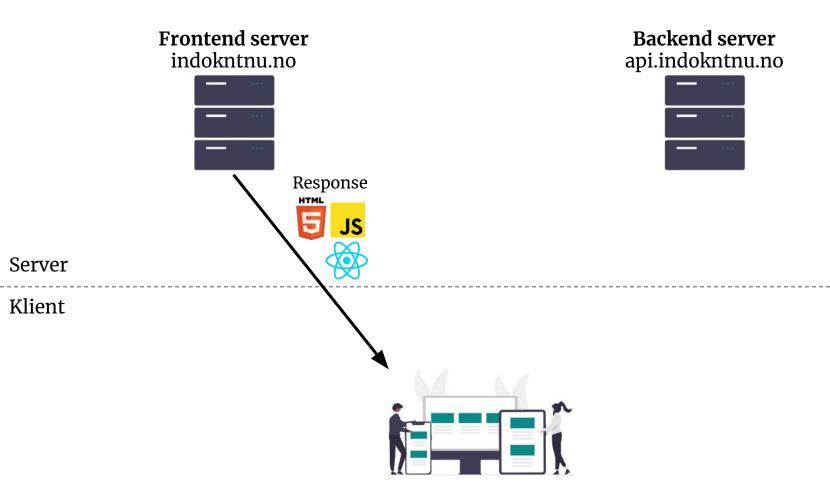












Frontend server indokntnu.no



Backend server api.indokntnu.no



Server

Klient

NDØK

HTML

Arrangementer

Verv

Hyttebooking

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Foreningen for studentene ved

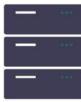
Industriell Økonomi & Teknologiledelse

Frontend server indokntnu.no



HTML

Backend server api.indokntnu.no



Server

Klient

INDØK

Arrangemente

Arrangementer

Hyttebooking

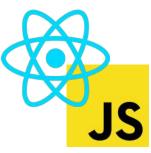
Verv

Om oss

Foreningen for studentene ved

Industriell Økonomi & Teknologiledelse

Hydration



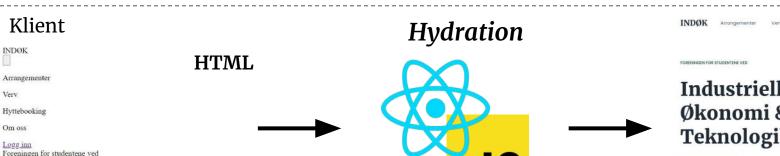
Frontend server indokntnu.no



Backend server api.indokntnu.no



Server



Industriell
Økonomi &
Teknologiledelse



Les om foreningenSe arrangementer

Industriell Økonomi & Teknologiledelse

Frontend server indokntnu.no

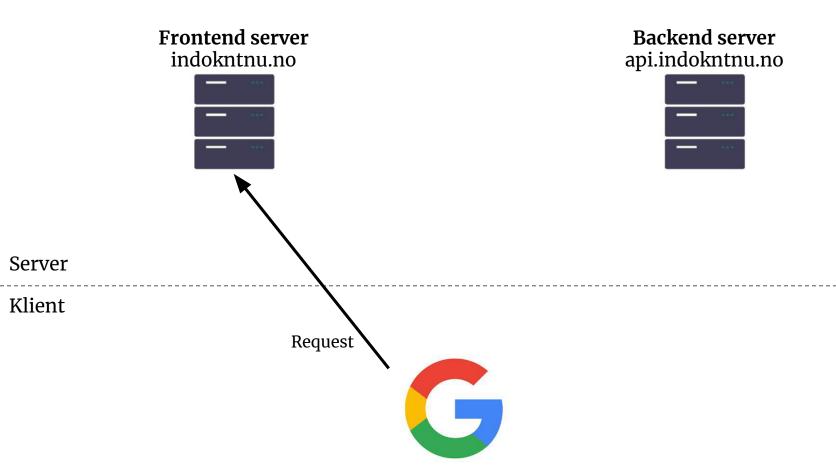


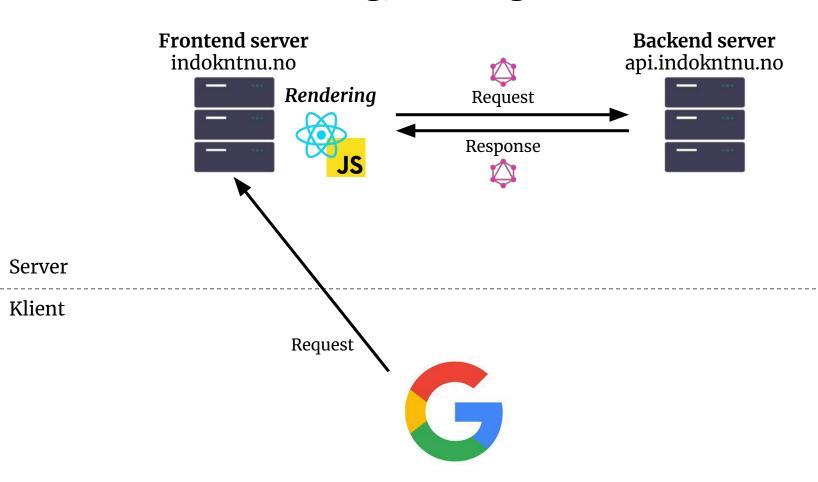
Backend server api.indokntnu.no

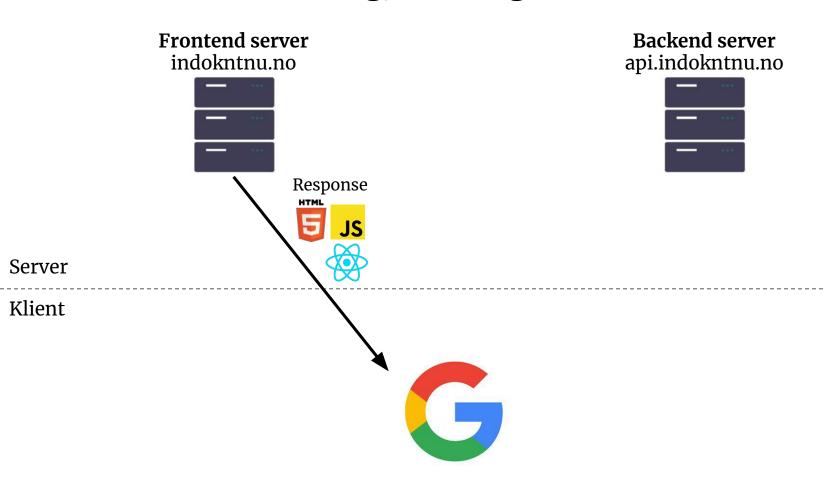


Server









Frontend server indokntnu.no



HTML

Backend server api.indokntnu.no



Server

Klient

Arrangementer

Hyttebooking

Foreningen for studentene ved



Industriell Økonomi & Teknologiledelse

Frontend server indokntnu.no



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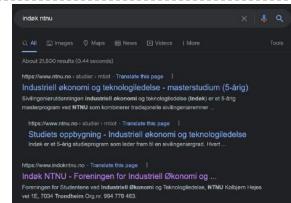




Foreningen for studentene ved

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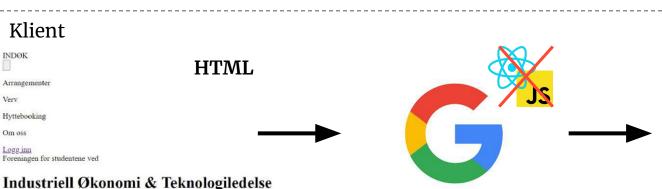


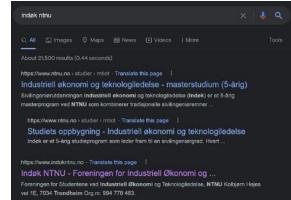
Search
Engine
Optimization
(SEO)

Backend server api.indokntnu.no









Next.jsSSR for React

- Rammeverk for **rendering** av React på serveren
- Med hjelpefunksjoner som getServerSideProps



```
export const getServerSideProps: GetServerSideProps<{ listing: Listing }> = async (ctx) => {
  const client = initializeApollo({}, ctx);
  const id = Array.isArray(ctx.params?.listingId) ? ctx.params?.listingId[0] : ctx.params?.listingId;
  if (!id) return { notFound: true };
  const { data, error } = await client.query({ query: ListingDocument, variables: { id } });
  if (error) return { notFound: true };
  const { listing } = data;
  if (typeof listing === "undefined") return { notFound: true };
  return addApolloState(client, { props: { listing } });
};
```

Next.jsSSR for React



- Routing basert på filstruktur
 - pages/about/index.tsx
 - -> indokntnu.no/about

- ✓ pages
 - > -
 - > about
 - > api
 - > baksida
 - > cabins
 - > ecommerce
 - > events
 - > forms
 - > listings
 - > orgs
 - > profile
 - > register