

Herman Nygaard

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EDUCATION

Bachelor of Science in Computer Science

Aug 2018 – June 2021

The University of Oslo

Oslo, Norway

- Participated in *Programming, Algorithm and Data Structures, Databases and Data Modeling, Functional Programming, Software Testing, Information Security, and Operating System* courses.

EXPERIENCE

Software Engineer 2, L62

Aug 2023 – Present

Software Engineer 2, L61

Mar 2022 – Aug 2023

Microsoft

Oslo, Norway

- Enhancing UX across Microsoft 365 (Teams, Windows, Office.com, SharePoint), serving hundreds of millions of users monthly.
- Architecting scalable UX solutions in collaboration with teams across the United States, England, India, and Kenya.
- Defining best practices for React, TypeScript, testing, and scalable application architecture, improving code quality and developer efficiency.

Software Engineer

Nov 2020 – Mar 2022

The University of Oslo IT Department

Oslo, Norway

- Built and optimized the frontend for Nettskjema.no (Norway's most-used digital form system) using React, Redux Toolkit, and Next.js.
- Developed a new interactive web form builder, improving UX by using techniques such as virtualization and optimistic updates.
- Setup of test suite with best practices with Jest, react-testing-library, and MSW resulting in better code confidence to deploy up to 10 times daily.
- Built an accessible component library with 15 reusable components, improving UI consistency and developer velocity.

Software Engineer

Sep 2019 – Nov 2020

Studix

Oslo, Norway

- Developed EdTech collaborative learning software using TypeScript, Backbone.js, and jQuery.
- Refactored a legacy JavaScript codebase to TypeScript and ES6+, reducing technical debt and improving maintainability.

Co-Founder and Software Engineer

Oct 2018 – Nov 2020

Qtime

Oslo, Norway

- Built the UX for a digital queue system using React, which is now used by major Norwegian companies such as Boots Pharmacy.
- Led development and successfully launched multiple high-performance React Native apps, ensuring seamless UX and cross-platform compatibility.

PROJECTS

React-Scroll-To-Top | *React, TypeScript, Playwright*

- Lightweight and customizable component to scroll to the top of a page.
- 60 stars on GitHub, 500 000 NPM downloads, and 8000 public repositories on GitHub using the package.

Supabase-Query | *React, TypeScript, React-Query, Supabase, MSW, Jest*

- Type safe React-Query wrapper for Supabase with a delightful API to work with Supabase in React.
- 45 stars on Github.

nygaard.dev | *React, TypeScript, Next.js, Tailwind, MDX*

- Personal site with technical blog posts.

TECHNICAL SKILLS

TypeScript, React, RxJS, Next.js, Jest, Storybook, Vite