

Simen Herland | Full-Stack Developer

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SKILLS

Javascript | Typescript | HTML / CSS | React | SASS | Flutter | C# | .NET | Cloud Development |
DevOps | NodeJS | Express | MySQL | MongoDB | REST APIs | Python | Git

EXPERIENCE

Software Engineer, *Knowit Experience*

Aug 2022 – present
Bergen, Norway

IKM Customer Portal

- Built the React frontend for a new customer portal, replacing an outdated legacy solution with a cleaner, faster, and more user-friendly experience.
- Implemented frontend functionality for user management, including support for two-factor authentication.
- Took the lead on layout and design decisions in the absence of a UX designer, ensuring the portal felt consistent, intuitive, and easy to navigate.

NAVTOR AS

- Worked alongside one other developer to completely rebuild NAVTOR's mobile app in Flutter, featuring a brand-new design.
- Used Mapbox Flutter to create an interactive map displaying live vessel positions, optimizing performance to handle thousands of vessels efficiently.

Universitet i Bergen

- Collaborated with designers and developers to implement a new design for the UiBtree portal using React and Material UI.
- Built a fully functional demo version of the app with automatically generated, anonymized dummy data.

Fjordkraft

- Developed and maintained web applications, mobile apps, and various services for Fjordkraft.no ↗ using C#, React, SCSS, and Azure Cloud services.
- Implemented security enhancements and improved project-based monitoring.
- Set up automation with Azure Pipelines to streamline the build, test, and deployment process.

PROJECTS

Boggdle, *Online word game*

2024

- Developed and launched "Boggdle," a word game inspired by Boggle and Wordle, where players identify up to three words from a grid of letters.
- Implemented using React for the frontend, NodeJS for the backend, and MongoDB for data storage and retrieval.
- Designed daily board releases at midnight UTC, integrating statistical tracking of average and highest scores, popular word selections, and optimal solutions.
- Available to play on simenmh.com/boggdle ↗

Bucketflix, *Web application*

2022

- Developed a user-friendly website for helping users keeping track of movies and TV-series they are currently watching or want to watch
- Allows users to invite friends to collaborate on lists for movies or series they are watching together
- Built with TypeScript, React, Redux, NodeJS, SCSS, hosted on a VPS
- Available on www.bucketflix.com ↗ and github.com/SimenMH/bucketflix ↗
- For demoing the website, login with **email:** test@test / **password:** test