Simen Herland | *Full-Stack Developer*

✉ simenmelo@gmail.com 🔗 simenmh.com in /simen-herland ⌨ /SimenMH 📍 Bergen, Norway

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

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
  UiBtreet 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

Neighbourly, *Mobile app*   2021
- Developed a feature-rich mobile app, personally engineering both the front and
  backend.
- The app allows neighbours to communicate and plan events on a position-based
  messaging board.
- Built with React Native, NodeJS, and MongoDB.