

# Simen Melo Herland | Full-Stack Developer

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## SKILLS

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Javascript | Typescript | HTML / CSS | Bootstrap | SASS | React | Vue | Angular | Redux  
NodeJS | Express | MySQL | PostgreSQL | MongoDB | REST APIs | Python | C# | Git | Agile

## EXPERIENCE

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- Jan 2021 – Aug 2021    **Full-Stack Developer, Cygnet Hospital Stevenage**
- Designed and built a React web app for creating and hosting the staff's daily schedule
  - Created the algorithm to automatically generate a schedule and distribute the available staff and nurses to the admitted patients based on needs.
  - Built the backend for saving and publishing the generated schedules, using NodeJS and Express
- Mar 2021 – May 2021    **Full-Stack Developer, MyTodos (Contractor)**
- Implemented robust unit tests with Jest and React Testing Library
  - Created end to end tests with Cypress to ensure a smooth user flow
  - Updated the Login/Register page and added the logic for the corresponding routes in the back-end
- Feb 2020 – Aug 2020    **Game Developer, Self-Employed**
- Personally designed and developed an online multiplayer game
  - Made in Godot using a Python-based programming language
  - Engineered the server using a high-level networking API
  - Allowed for up to 3,000 concurrent players and uses Twitch API integration
- 2013 – 2018    **Community Manager, Sacriel Entertainment**
- Had an active role in the management of a community of thousands of users
  - Worked in a team to moderate and communicate with our active users on a daily basis

## PROJECTS

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- 2021    **Neighbourly, Mobile app**
- 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.
- 2016    **IRC-bot & Client**
- Was tasked with developing an IRC-bot with a desktop interface using Python, which was used on a daily basis by hundreds of active users.

## EDUCATION

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- 2020 – 2021    **Software Engineering & Computer Science, Codeworks**
- 2012 – 2013    **Media & Communication, Nordahl Grieg VGS**