



# Otto Larsen

Software Engineer

## Profile

Detail-oriented and ambitious software engineer with a focus on customer satisfaction, excellent critical thinking skills, and a passion for data and software. Experienced problem solver with a strong technical background. Proficient in Java (Spring), PostgreSQL, MySQL, Python (Flask/Django), Angular, React, Docker, Kubernetes, HTML5, CSS, JavaScript, Node.js, SCRUM, performance evaluation, Agile software development, Jira, and Git.

## Education

### Software Engineering , SDU - Syddansk Universitet, Odense

August 2019 — June 2023

**6. Semester Bachelor Project** - 'Microservice Architecture in an Energy Crisis': I Developed a tool that enables the scaling of services in a cluster, depending on current energy price trends. Based on Hexagonal architecture, implemented using Java, Spring, Angular, Maven, Docker. REST APIs, and Kubernetes.

### 4. Semester Project - Intelligent systems:

Developed a dynamic module-based game with a flexible module system for runtime loading/unloading of components via the Netbeans Platform and the OSGi module system. Incorporated the A\* algorithm for intelligent enemy pathfinding. Developed using Java and LibGDX.

## Employment History

### Tutor at GoTutor, Odense

August 2022 — April 2023

- Successfully delivered over 30 engaging and dynamic English, Danish and Mathematics lessons to students of diverse levels and abilities, resulting in measurable improvements in their academic performance.
- Proactively pursued professional development opportunities, attending 2 educational conferences, to stay abreast of current trends, best practices, and subject matter knowledge.

### Interviewer at Norstat AS, Odense

July 2022 — October 2022

- Effectively delivered information from scripts to conduct surveys with accuracy and professionalism.
- Managed a high volume of customer calls, averaging over 50 calls per day, while maintaining excellent service quality.

## Extra-curricular activities

### Mentor at Ventilen, Odense C

December 2022 — Present

## Details

Odense C

Danmark

30825245

[olarsen22@gmail.com](mailto:olarsen22@gmail.com)

## Links

[LinkedIn](#)

[Github](#)

[Portfolio Website](#)

## Skills

Java

Python

HTML/CSS/Javascript

Angular

SQL/PostgreSQL

## Languages

Danish - Fluent

English - Fluent

## Hobbies

In my free time, I am a dedicated football fan and enjoy following matches from different leagues around the world. I'm also really interested in data analysis and love diving into intricate datasets, especially when it comes to football. Besides that, I try to stay fit through regularly working out and playing a few rounds of golf every now and again.

Volunteer at Ventilen, a social organization that aims to prevent and alleviate loneliness among young people in Denmark.

- Assisted in organising, facilitating and leading group activities, workshops, and events to foster social connections and friendships among young people.
- Participated in outreach programs and activities to engage with young people who are experiencing loneliness or social isolation.