

# JESPER DYRHOLM THOMSEN

Bachelor of Engineering in Software Technology

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## PROFILE

As a newly graduated software engineer, I bring a calm and curious mindset, a strong drive to learn, and a passion for building robust, user-centered digital solutions. My approach to development is grounded in writing clean, maintainable code and fostering collaboration across diverse teams. I view every project as an opportunity to grow my skills and contribute to solutions that unite technical excellence with meaningful user experiences. I am motivated by environments that value curiosity, teamwork, and continuous improvement, and I look forward to developing my expertise across both backend and frontend while contributing to impactful, high-quality products.

- Hands-on experience with React and TypeScript
- Passionate about building performance-focused, user-friendly interfaces
- Dedicated to writing clean, modular, and maintainable code
- Collaborative and open-minded, values clear communication and teamwork

## EXPERIENCE

Software developer - Student job after internship    **Upteko**

📅 August 2023 – December 2024    📍 Stilling, Denmark

Developed a graphical user interface from scratch for drones, targeting industrial customers. The interface provided drone pilots with a unified and intuitive overview to plan and execute missions, manage takeoff, and monitor drone data.

### Experience:

- Responsible for UI design and visual identity in line with the company’s branding.
- Implemented the solution with a focus on modular and maintainable code.
- Translated user requirements into intuitive and functional solutions through ongoing collaboration with colleagues and users.
- Worked with usability, scalability, and code architecture.

## EDUCATION

Bachelor of Engineering in Software Technology    **Aarhus University**

📅 September 2021 – January 2025    📍 Aarhus, Denmark

### Relevant Courses

- Advanced Front-End Development.
- Software Test.
- Software Design.
- IT-Security.
- Machine learning (AI).
- Project Work.

## LANGUAGE

Danish    ●●●●●

English    ●●●●●

## SKILLS

TypeScript    ●●●●●  
Node.js    ●●●●●  
HTML/CSS    ●●●●●  
Tailwind    ●●●●●  
REST API    ●●●●●  
MongoDB    ●●●●●  
Docker    ●●●●●  
Kubernetes    ●●●●●  
CI/CD    ●●●●●

## FRAMEWORKS

React    ●●●●●  
Electron    ●●●●●  
Next.js    ●●●●●

## TOOLS

Git    ●●●●●  
Scrum    ●●●●●

## VOLUNTEER WORK

Summer Camp  
**Silkeborg, Denmark**

📅 January 2015 – Present

Part of a volunteer team running annual summer camps, planning activities and schedules for children.

### Experience:

- Builds leadership, communication, and conflict resolution skills.
- Ensures a safe, positive, inclusive environment for children and youth.

# PROJECTS

## Bachelor project      **Swiftcart**

 august 2024 – december 2024       Aarhus, Danmark

Developed a full-stack web application, *Swiftcart*, enabling users to create shopping lists, compare prices across multiple stores, and optimize their grocery budget.

**Experience:**

- Designed and implemented the majority of the React frontend with focus on usability, responsive design, and clear user journeys.
- Collaborated on backend integration with Node.js and MongoDB, gaining experience in building scalable and data-driven solutions.
- Took ownership of features from idea to delivery within a SCRUM process, ensuring continuous feedback and iteration.

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## 6th Semester Course Project      **Web Architecture and Orchestration**

 February 2024 – June 2024       Aarhus, Denmark

In the course "Web Architecture and Orchestration", the goal was to develop a scalable backend system based on microservice architecture.

**Experience:**

- Developed a scalable backend system based on microservice architecture.
- Worked with communication between services using REST API and gRPC.
- Orchestrated container-based services with Kubernetes.
- Gained hands-on experience with distributed systems focusing on scalability, observability, and fault tolerance.

# PERSONAL PROJECTS

## Personal home project      **Recipe web application**

 Maj 2025 – Present       Aarhus, Denmark

Developed a web app for storing household recipes in one place, with features to add and view recipes and plan weekly meals. Planned extensions include drink support, recipe import from external sites, and automatic shopping list generation.

**Experience:**

- Strengthened skills in web application design and feature planning.
- Gained experience turning user needs into practical, scalable solutions.
- Exploring a fun and motivating project that keeps me curious and engaged.

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Link to project: <https://github.com/jolle1235/home-project>

# PERSONAL PROFILE

*I live with my partner Cecilie and in my free time, I enjoy playing music, both as part of a band and on the piano. I am also a passionate board game enthusiast, and a perfect evening often involves great company and an engaging board game to dive into.*

# REFERENCES

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*Available upon request.*

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*I hereby give permission for this CV to be stored and retained as long as desired in accordance with applicable GDPR legislation.*