

Patrick Hansen

Software developer



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🎓 Education

Bachelor Software Development

Erhvervsakademi Sydvest, Esbjerg

01/2019 – 06/2020 | Esbjerg

Computer Science

Erhvervsakademi Sydvest, Esbjerg

08/2016 – 01/2019 | Esbjerg

🧠 Frontend

- Vue.js (2 & 3, Pinia)
- TypeScript/JavaScript
- Responsive design & SCSS
- REST API - frontend integration
- UX understanding (worked with designers, Adobe XD)
- Forms, validering, popups m.m.
- Composition API

👤 Profile

Full-stack developer with experience in Vue 2/3, TypeScript, and .NET. I thrive working across frontend and backend and focus on building stable, reliable and user-friendly solutions.

I work in a structured way, am curious by nature, and communicate clearly across teams. I am comfortable working with development, operations, and support tasks, where I can help others move forward effectively.

💼 Professional Experience

Fullstack - Developer tasks

Det Faglige Hus, Esbjerg

03/2021 – 10/2024 | Esbjerg

- Developed and maintained **Vue 3 + TypeScript solutions** (both solo and in teams), including building an internal system from scratch.
- Developed **.NET backends** with integrations such as RabbitMQ and webhooks, and improved logging and error handling.
- Implemented **Hangfire automations** for daily workflows used by multiple teams.
- Worked on the membership enrollment platform: initially responsible for frontend, later taking over backend and database tasks.
- Developed an internal SMS application in a **full-stack** setup, used by multiple departments for member communication.

Service and Support

- **Primary responsible developer** for tasks coming from the service portal (TopDesk).

- Troubleshooting, data quality improvements, code changes, and minor feature development across systems.
- Close collaboration with employees and users to clarify requirements and ensure robust, practical solutions.

Results and Responsibilities

- Co-developed and was responsible for large parts of the new **membership enrollment** website (frontend + backend), used daily by 1,000+ users and supporting an organization with 253,000+ members.
- Reduced manual handling of member communication through automated workflows.
- Contributed to improved stability and operational reliability through better logging and more reliable integrations.

📘 Courses

Course: Communication in Practice (SmartAcademy)

11/08/2025 – 17/10/2025

Completed a professional module focused on practical communication. The work included written, verbal, and digital communication, as well as de-escalation and conflict management.

Topics included:

- Active listening, questioning techniques, and feedback

Backend

- .NET/C#
- REST API
- Hangfire (background jobs)
- RabbitMQ (queues & integrations)
- JWT/Authentication
- Swagger (API-dokumentation)

Data & Integration

- SQL & MongoDB
- Migrations & Data modeling
- Webhooks
- Data extraction (Excel, archiving, etc.)

Devops & Quality

- Azure DevOps (CI/CD, boards)
- Unit tests & smoke testing
- Logging & Troubleshooting
- Snyk (security scanning)

Support & Communication

- Troubleshooting & problem solving
- Customer & employee communication
- Service portal (TopDesk) - first responsible

languages

Danish
Native

English
Fluent

German
Conversational

- Clear communication tailored to different target audiences
- Conflict management and dialogue in high-pressure situations
- Planning communication within teams and organizations

Result: Improved collaboration, expectation alignment, and clear communication — especially in technical contexts.

Projects I Am Particularly Proud Of

SMS Application (Internal Tool)

Backend, frontend, database & deployment (built from scratch)

- Designed and developed a complete SMS system for sending messages to external recipients.
- Handled department-based templates, queues, logs, status updates, and data storage.
- Supported both bulk messaging and single SMS messages, as well as creation and editing of templates.
- Set up and deployed the solution via Azure DevOps.

Value: Faster and more traceable communication — significantly reducing manual work for employees.

Primary Developer of Administration Module (AMI) for Enrollments

Full-stack developer – frontend → backend & database

- Built a module for managing membership enrollments and education data.
- Enabled opening enrollments as PDFs or in external systems.
- Developed union and unemployment fund calculations to display potential savings.

Value: Simplified handling of enrollment data and flows, making it easier and faster for employees to assist members.

Membership Enrollment Platform

Full-stack developer – frontend → backend & database

- Helped build and maintain the new enrollment website.
- Worked with forms, validation, integrations, and data handling.
- The solution is used daily by 1,000+ members and employees and supports an organization with more than 253,000 members, handling high, day-to-day usage reliably.

Value: A more stable enrollment process and significantly reduced manual follow-up, as only valid data can be created in the system.