

THOMAS HOLM JESPERSEN

Senior Backend & Cloud Engineer

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PROFILE

Senior backend and cloud engineer with more than 12 years of experience and a hands-on profile. I take technical ownership of complex systems from architecture and implementation to performance, troubleshooting and reliable operations. My core expertise is C#/.NET, AWS, PostgreSQL, APIs and distributed systems - particularly solutions involving high data volumes and many integrations.

12+ years of experience	TECH LEAD hands-on profile	5-20 HRS/WEEK typical freelance capacity
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CORE EXPERTISE

CORE	C# · .NET · ASP.NET Core · EF Core
CLOUD	AWS · Azure · Docker · ECS · IoT
DATA	PostgreSQL · TimescaleDB · SQL · DynamoDB
APIS	REST · GraphQL · WebSockets · Partner integrations
ARCHITECTURE	Distributed systems · High-volume ingestion · Performance

SELECTED CASES

SAVEEYE IoT platform for real-time energy data

Evolving the backend and cloud architecture with a focus on scalability, performance and reliable operations. The work includes APIs, an App SDK and a web-based management platform for partners and internal teams.

My responsibility: Architecture, implementation, data ingestion, partner integrations and technical operations.

PODSTER Automated podcast localisation

Backend and cloud workflows combining transcription, translation, AI voices, audio profiles and automated mixing into a coherent production pipeline.

My responsibility: Backend architecture, integrations, workflow design and implementation.

EXPERIENCE | 2021-PRESENT

Technical ownership throughout the delivery lifecycle

Saveeye | Aug. 2025-present

Lead Backend Developer

Hands-on responsibility for backend architecture, integrations, performance and reliable operation of an AWS-based IoT platform processing real-time data from thousands of devices. Evolving scalable data ingestion, partner integrations and management of devices and data.

Syntastic | Sep. 2024-present

Co-founder & Lead Backend Developer

Founded the company with a focus on tailored backend, cloud and IoT solutions. Worked as a technical partner for clients including Saveeye, taking responsibility for architecture, implementation and direct technical collaboration with customers.

Frontmatec | Jun. 2024-Aug. 2024

Software Developer

Maintained and developed the S2 SCADA system. Left during the probationary period to start my own company.

Podster | Sep. 2022-May 2024

Software Developer

Built internal tools and cloud workflows for scripts, transcription, translation and audio production. The solution connected long-running asynchronous processes and external AI services in an automated production pipeline. Technologies included .NET, Azure Functions, Service Bus, React, GraphQL and OpenAI.

Consultia | Jan. 2022-Sep. 2022

Software Developer

Worked on developing and validating startup ideas, which later led to the creation of Podster.

Podimo | Jul. 2021-Dec. 2021

Software Developer

Worked on Podimo Kids, an adapted version of the Fairytell app integrated into Podimo as an SDK. Developed native Android functionality and contributed to the .NET backend.

WAYS OF WORKING

Best fit: a clearly scoped task, technical workstream or ongoing specialist capacity that can be delivered remotely and mostly asynchronously. Typically 5-20 hours per week.

EXPERIENCE | 2014-2021

Ownership from the start - across products and platforms

Fairytell | Sep. 2019-Jun. 2021**Software Developer**

Developed .NET backend services and built and maintained native iOS and Android applications in Swift, Kotlin and Java.

Cykelpartner.dk | Jun. 2019-Apr. 2020**Freelance Software Developer**

Developed new features and resolved issues on a new Umbraco-based online store alongside full-time employment.

Duka | Jan. 2014-Aug. 2019**Software Developer / project lead**

Led multiple projects across a custom Android ROM, iOS app, Umbraco sites, a custom SSO solution, PC security and backup, and a billing platform serving more than 20,000 customers. Followed solutions from idea and implementation through to production and operations.

TECHNICAL TOOLBOX

BACKEND	.NET · C# · ASP.NET Core · EF Core · WPF · Windows Services
CLOUD & DEVOPS	AWS IoT Core · Lambda · API Gateway · Kinesis · Fargate · Azure · Docker · CI/CD
DATA & APIS	PostgreSQL · TimescaleDB · SQL Server · DynamoDB · GraphQL/Hot Chocolate · REST · WebSockets
OTHER	React · TypeScript · Umbraco · Kotlin · Java · Swift · Xamarin/MAUI · Git · Jira

EDUCATION

Bachelor of Engineering | Aug. 2010-Jan. 2014**Information Technology**

Focused on Android development, data structures and algorithms, and software design. Bachelor project: Cross-platform mobile application for Android and Windows Mobile using Xamarin with a Ruby on Rails backend.

A NERDY DETOUR

From zero to 25,000 monthly visitors

Built a content site about German Shepherds out of curiosity and learned SEO and organic growth along the way. The site reached 25,000 monthly visitors before the project was sold.