

Jostein Haugland Dyrseth

Independent Full-stack Consultant

Web applications · Cloud-backed services · iOS · E-commerce and integrations

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PROFILE

Full-stack consultant focused on dependable digital product delivery for energy, industrial and e-commerce teams. Strongest in TypeScript, React and C#/.NET, working from application code through Azure, infrastructure as code (IaC) and CI/CD. Has taken products from first commit through App Store review to maintained releases, combines direct stakeholder collaboration with pragmatic technical decisions, and hands over releases that are clear and maintainable.

KEY QUALIFICATIONS

Product and web

TypeScript, JavaScript, React, Node.js, HTML/CSS, REST APIs, Three.js, DevExpress, Appframe, Bootstrap, jQuery, Vite, data visualisation

Cloud and delivery

Azure, Terraform, Docker, GitHub Actions, CI/CD, PowerShell, Ansible, Python, Linux, Vercel

Backend and data

C#, .NET, Entity Framework, SQL Server, T-SQL, stored procedures, views, query optimisation, PostgreSQL, Supabase, MySQL, websockets

Mobile, commerce and 3D

Swift, SwiftUI, UIKit, iOS and macOS, Shopify, Magento, Laravel, payment and shipping integrations, Blender, 3D asset pipeline

PROFESSIONAL EXPERIENCE

Independent software development

Haugesund, Norway · May 2025 - present

Conceiving, building and shipping self-initiated products while establishing the consultancy.

- Conceived, built and shipped three products end to end, sole designer and developer of each: **RoutineGuide** (iOS, Swift/SwiftUI), on the App Store since December 2025 and maintained to v1.5.1; **SearchLight for Safari** (macOS) on the same model; and **VisualizeGuide**, a browser-based audio production tool over a Python rendering pipeline and a third-party TTS integration. On the last, benchmarked two timing approaches rather than arguing them: the provider's markup gave 49% of requested silence at 2.1x speed, so local silence insertion won on measurement.
- Co-founded **Vannsengbutikken.no** and own its technical side under a 50/50 profit-share: chose the platform, built the Shopify storefront, automated payment, licence delivery and download so it fulfils without manual work, and produced the 3D-derived video and illustration assets.

Technology: Swift, SwiftUI, Python, JavaScript, Shopify, Vercel, Blender, REST APIs

Developer Kloner AS

Norway · Jan 2025 - Apr 2025

Kept three live Norwegian merchant storefronts selling and shipping, and extended them on request.

Client sites: **Bilnerden.no** · **Vikingvask.no** · **Min krystallkule**

- Delivered customer-facing features, extensions and plugins across three live Norwegian merchant storefronts, request to production.
- Built and maintained the payment and shipping integrations those stores transact and fulfil through.

Technology: Magento, Laravel, PHP, MySQL, payment and shipping integrations

Career break

2024

A planned year out, backpacking in Asia.

Consultant on two Equinor product teams, across infrastructure and application code.

AccessIT ↗ · Equinor's identity and access-management platform · *Client: Equinor* approx. 8 months to Jan 2024

- Shipped features and fixes across the full stack — Azure and Terraform infrastructure, C# services over PostgreSQL, a JavaScript/TypeScript front end — in the platform every Equinor employee and affiliate goes through to request access to enterprise systems.
- Worked under the security and audit constraints of access management in a regulated industry, where changing who reaches which system is not only a code question.

IdeationMachine ↗ · Cloud platform for machine learning and analytics · *Client: Equinor* from Mar 2022

- Built the platform's Azure infrastructure and governance policy as code with Terraform, in a team of four, and drove the DevOps, security and disaster-recovery work that made it production-ready.
- Automated environment provisioning and CI/CD with PowerShell, Terraform and GitHub Actions, so data scientists got a new machine-learning environment from a pipeline instead of a manual request.
- Delivered front-end and back-end features in React, TypeScript, .NET and Entity Framework.

Vehicle Location Tracking ↗ · internal proof of concept

- Built end to end as an internal proof of concept: decoupled microservices behind a React/TypeScript client, a C#/.NET API over SQL Server, live positions over websockets, Azure infrastructure as code, CI/CD.
- Tracked vehicles across Norwegian cities: map view, per-city counts, per-vehicle detail and comments.

Technology: Azure, Terraform, GitHub Actions, PowerShell, Python, Docker, Ansible, React, TypeScript, JavaScript, .NET, C#, Entity Framework, PostgreSQL, SQL

System Engineer **Omega 365**

Stavanger, Norway · Oct 2019 - Feb 2022

Worked across two connected Omega 365 products for oil, energy and construction clients, in a team of ten.

Pims ↗ · project-delivery platform for large industrial and construction projects

- Generalised the tracking and logistics product from a tool serving one project into one serving multiple clients, turning bespoke delivery work into a reusable part of the platform.
- Built the dashboards and statistical reporting teams ran on for materials, logistics, inventory and progress in Appframe, DevExpress and Bootstrap, and designed and tuned the SQL layer behind them.

3D BIM viewer ↗ · integrated browser-based BIM module

- Developed the interaction that made a 3D BIM model usable in the browser, in Three.js: orbiting, frame selection, multiselect, filtering, and tagging documents onto model objects.

Technology: JavaScript, .NET, SQL Server, T-SQL, stored procedures, views, Appframe, DevExpress, Bootstrap, HTML/CSS, jQuery, Three.js

Software Development Intern **Edinburgh Napier University**

Edinburgh, UK · Jun 2018 - Aug 2018

- Built a university research lab's documentation platform on a summer placement: **Django CMS** with custom document and step models, tagging and user accounts, deployed with NGINX, uWSGI and Docker.

Technology: Django CMS, Python, PostgreSQL, NGINX, uWSGI, Docker

EDUCATION, RECOGNITION AND CERTIFICATION

- **BSc (Hons) Computer Science** Sep 2015 - Jun 2019
Edinburgh Napier University, UK · Second Class Honours, First Division
- **3D Design and Animation** Aug 2013 - Jun 2014
Noroff University College, Norway · Awarded Best 3D Modelling and Design
- **Microsoft Certified: Azure Fundamentals (AZ-900)** Jan 2023
- **1st place** 2017
Edinburgh Napier University Hackathon — traffic-accident heatmap

Norwegian (native) · English (fluent) · References available on request