Consultant Profile

Espen Oset

Education

| 2015 - 2018 | - University of Bergen |
| 2012 - 2015 | - Volda University College |

Relevant Work Experience

08-2025 - 12-2025	Equinor -
03-2022 - 06-2025	DNB -
01-2025 - 06-2025	DNB -
08-2018 - 02-2022	Vimond Media Solutions AS -
08-2018 - 02-2022	Vimond Media Solutions AS -

Role

Project Roles
Fullstack Developer
Frontend Developer

Industry
Media
Banking & Finance

E-mail
espen.oset@webstep.no

Year of Birth
1992

Languages
Norwegian
English

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Certifications and Classes

2026	Certification: AWS Certified Developer – Associate - PSI

Skills

Programming Languages	JavaScript, TypeScript, Python, Bash
Frameworks	React, Redux, Node.js, GraphQL, React Testing Library, React Query, Styled-components, Express.js, CSS Modules, Vitest, React Hook forms, FastAPI, Playwright, D3.js
Cloud Services	AWS Serverless Application Model (SAM), AWS Step Functions, AWS Lambda, Amazon Simple Queue Service (SQS), Amazon API Gateway, Amazon CloudWatch, Amazon CloudFront, Amazon Web Services (AWS), Amazon Elastic Container Service (ECS), Amazon Simple Notification Service (SNS), AWS Elasticsearch
Technology	Fintech, HTML / CSS, FFmpeg, Terraform, CI/CD, WCAG, Apollo GraphQL
Database	PostgreSQL, MySQL, Amazon DynamoDB
Tools & Applications	Digital video, GitLab, Monorepo, Vite, Axios

Work Experience

03-2022 - Present	-
08-2018 - 02-2022	-
02-2015 - 07-2015	-

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Main Projects

Equinor

Customer Description	Equinor ASA is a Norwegian publicly listed oil and gas company. The Norwegian state is the majority shareholder, holding a 67 percent ownership stake managed by the Ministry of Petroleum and Energy. With a market capitalization of approximately NOK 400 billion, the company is Norway's most valuable enterprise and ranks among the world's 50 largest companies across all industries.
Role	Frontend Developer
	08-2025 - 12-2025
Method/Technology	CSS Modules, HTML, HTML / CSS, Vitest, Vite, React Hook forms, React, React Query, FastAPI, Python, Playwright, TypeScript, JavaScript, D3.js
Description	WINC is a data visualization tool that combines data from official databases with user-defined data to visualize well paths, equipment, and geological formations. The solution also calculates and visualizes potential leakage paths through the formations, as well as barrier depth thresholds.
Customer Value Proposition	WINC enables users to combine data from official databases with user-defined data for rapid concept and analysis work when official data sources do not fully meet the needs, reducing reliance on manual workflows based on spreadsheets and document sharing.
Frontend Developer	Development of a React/Vite application with SVG-based visualization, controlled forms with custom validation logic, and state management. Refactoring from styled-components to CSS Modules, implementation of drag-and-drop components synchronized with SVG visualization, and improvements to data fetching using React Query with debounce and batching and contributed to automated testing using Playwright and React Testing Library.

DNB

Customer Description	Norway's largest financial services group
Role	Frontend Developer, Fullstack Developer, DevOps
	03-2022 - 06-2025
Method/Technology	React TypeScript, Fintech, TypeScript, JavaScript, GitLab, CI/CD, YAML, Amazon CloudFront, AWS Lambda, AWS Step Functions, React, Vite, CQRS, HTML / CSS, Styled-components, API Gateway, Amazon DynamoDB, Terraform, Bash, Express.js, Bash (Unix shell), Git, REST API, Axios, WCAG
Description	Maintenance and continued development of DNB's equity trading web application, including new features, system integrations, and performance improvements.
Customer Value Proposition	Ongoing maintenance and development of one of the country's largest investment platforms.
Frontend Developer	Daily operations and deployment of the stock trading application, including troubleshooting and maintenance.
	Rapid development and delivery of new features based on product team requests.
	Integration with third-party providers of financial data, video content, and analytics.
	Implementation of design and redesigns provided by UX designers.
	Development in compliance with WCAG guidelines for accessibility.
	Refactoring and migration of the codebase from JavaScript to TypeScript to improve robustness and maintainability.
Fullstack Developer	Developed a service for lookup, storage, caching, and backup of financial documents (KIID) to be made available to clients.
	Initiated and implemented a trading API using CloudFront, Route 53, and API Gateway, with a Lambda function that checks availability and retrieves KIID documents. Included a custom lazy poppulated fallback table with direct issuer links, after a critical incident where a third-party API was down for three days with no SLA.
	Also integrated the API with the trading frontend.

DevOps	Developed deployment scripts and Terraform definitions for infrastructure related to stock trading, including both the frontend web application and the KIID document service.
	Implemented CloudFront functions and integrated them via CloudFormation to manage redirect flows, cookie handling, and Content Security Policy (CSP) within the new stock trading environment in AWS.
	Focused on improving developer experience and team efficiency through tooling and automation.
	Set up mocking with Vite and Express, automated routine tasks, and introduced linting rules and type checking. Built a flexible partial mocking system that allowed selective endpoint and service mocks to be "dropped in" when the test environment or local backend was unstable — essential for a large-scale app where fully mocking the backend wasn't feasible with existing resources.

DNB

Customer Description	Norway's largest financial services group
Role	Frontend Developer
	01-2025 - 06-2025
Method/Technology	TypeScript, React Testing Library, Monorepo, React, React TypeScript, Axios, React Query
Description	Frontend development in the WM-WEB-APPS monorepo, focused on the product catalog app for Equity Trading, including the onboarding form for new customers.
	Also contributed to a separate application allowing bank clients to order financial products related to equity trading without being existing equity trading customers.
Customer Value Proposition	Automation of a previously fully manual process.
Frontend Developer	Designed, implemented and tested frontend application within the frameworks set by the wm-web-apps monorepo

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Role	Fullstack Developer
	08-2018 - 02-2022
Method/Technology	React, Redux, Node.js, Amazon Web Services (AWS), AWS Step Functions, AWS Lambda, AWS Serverless Application Model (SAM), Amazon Simple Notification Service (SNS), Amazon Simple Queue Service (SQS), CI/CD, Bash (Unix shell), Bash, Terraform, Elasticsearch, AWS Elasticsearch, PostgreSQL, FFmpeg, Amazon DynamoDB, Amazon API Gateway
Fullstack Developer	

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Role   Frontend Developer
                                        08-2018 - 02-2022
Method/Technology   React, GraphQL, Apollo GraphQL, Redux, Node.js
Frontend Developer

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