

Bjørn Moholt

Developer

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Summary

An experienced developer with broad technical expertise, good experience leading projects, and accustomed to working at the intersection of technology and product.

Experience

2019–present **MEWB**, CTO, Oslo

Head of technology at MEWB. Both in terms of what we build, and how we work and develop technologically. Involved to varying degrees in all projects, and always looking for ways to streamline and improve product deliveries across projects.

Daily work includes maintenance and development of internal infrastructure, planning and project management of projects, and development on projects.

2017–2019 **Tøtsj**, Developer, Oslo

Fullstack developer. Worked on client projects and as a contracted consultant. Several of us moved on and started MEWB.

Selected Project Deliveries

2025–present **Medimind**, MEWB

Responsibility: Electronic medical records system for Norwegian general practitioners with AI-assisted transcription and workflow. Contributed to defining the product plan and technical direction.

Result: Built up a team of 5 developers and a project manager. The team is well underway building the system.

Technology: Typescript, Bun, Elysia, React, Aidbox, FHIR, NHN, AI, Kubernetes

2023–2024 **Arx**, MEWB

Responsibility: Compliance tool that helps companies with insider information comply with insider trading regulations. Contributed to defining the data model and architecture. Built a searchable database of all Norwegian companies based on data from the Brønnøysund Registers.

Result: The client has continued the product as a successful company.

Technology: Rust, Typesense, Typescript, React, Next, Brønnøysundregistrene, Postgres

2021–2025 **Norlend, MEWB**

Responsibility: Platform for loans with cryptocurrency as collateral. Head of project management, architecture and development. Built a system for handling incoming and outgoing crypto transactions with an internal ledger for open loans, automatic monitoring of loan-to-value ratio with liquidation at threshold values, customer notifications about loan status, automatic accounting with CSV export, as well as an admin dashboard and customer frontend for deposits, withdrawals and self-service loan management.

Result: The solution has been live with the client since 2024

Technology: Typescript, React, Next, Node, Express, MySQL, Tigerbeetle, Ethereum, Bitcoin, Solidity

2018–2021 **Consultant at Gjensidige/Nordea, MEWB/Tøtsj**

Responsibility: Full stack developer for Gjensidige Bank's new mortgage application form. Participated in a cross-functional team that delivered a mortgage application form that automatically retrieved information about the applicant, only displayed necessary fields, and included automatic processing of applications where possible. Also contributed to the migration of Gjensidige's systems to Nordea after the acquisition with minimal downtime.

Result: Delivered groundbreaking application form and completed migration with minimal downtime.

Technology: Vue, Typescript, Javascript, Java, Kotlin, Spring, SQL, SBL, Eiendomsregisteret

2020–present **Internal devops, MEWB**

Responsibility: Built and operated internal systems for hosting and deployment. Operated Kubernetes cluster locally for testing and development, with separate clusters on virtual machines for production, and ArgoCD for managing gitops workflows. Now developing a tool in Go for managing Docker Swarm services as a replacement for the Kubernetes setup.

Result: Have replaced internal Kubernetes cluster for hosting internal tools and test environments. Used today to deploy ~10 apps.

Technology: Kubernetes, Docker, Docker Swarm, Go, Linux

Education

2013–2016 **Bachelor in Computer Science: Programming and Networks,**
Universitetet i Oslo, Oslo

Recent Hobby Projects

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| ESP32 Baby Monitor | ESP32 connected to a MEMS microphone that sends audio over BLE to an app on the phone. PCB planned in KiCad |
| Zig Vulkan | A cautious start on a game engine in zig. Has graphics in Vulkan and window handling with Wayland, macOS, or glfw |
| ESP32 Car | Remote-controlled car with mecanum wheels. Controlled by an ESP32 that communicates with an Xbox gamepad over BLE. |

Skills

Languages	Typescript, Java, Go, Rust, Zig, C#, C, C++
Infrastructure	Docker, Kubernetes, ArgoCD, Linux, AWS, Azure, Tailscale
Frameworks	Node, Express, Bun, Elysia, React, Vue, Next.js, Unity, esp-idf
Other	SQL, Claude Code