

Marc Rasmussen

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PROFILE

I'm a product minded software engineer and technical leader with 14+ years of experience. I combine hands on development with frontend architecture, Web Components and accessibility. Experienced in shaping technical direction, partnering with product and UX teams, and mentoring engineers. Public speaker on accessibility, software quality and AI assisted engineering

SKILLS

Architecture & Methods
DDD, Clean Architecture, TDD, API-First, Event-Driven

Backend
C#, .NET, Node.js, Java, Kotlin

Mobile
Kotlin, Swift, React Native, Cordova

Frontend
TypeScript, JavaScript, React, Angular, Vue, Web Components

Accessibility & Security
WCAG, ISO 27001, GDPR, (Certified Penetration Tester)

Cloud & DevOps
Azure, Azure DevOps, CI/CD, Containers/Kubernetes, Observability/SLOs

PROFESSIONAL EXPERIENCE

January 2026 – Present
Denmark

SimCorp, Principal Software Engineer

AI & Developer Experience

- Developed a **Clean Architecture harness** for software engineers working across multiple domains.
- Explored **memory and software architecture patterns for AI systems**, with focus on effective use of limited token budgets.
- Designed an **agent framework for Azure Pipelines** supporting workflows across multiple teams.
- Improved developer workflows through reusable tooling, patterns, and AI assisted engineering practices.

Architecture & Leadership

- Contributed to **cross-team architectural decisions** and documented key decisions through ADRs.
- Worked with engineering teams and stakeholders to align technical direction across systems and domains.
- Communicated architectural trade-offs, risks, and technical recommendations to both technical and non-technical stakeholders.
- Supported engineers with architecture, system design, and implementation decisions.

Danske Bank

May 2025 – January 2026
Copenhagen, Denmark

Tech Lead

Leadership & Delivery

- Led **cross-region squads** (in-house and offshore), aligning delivery with business priorities, compliance needs, and architecture goals.
- Defined and maintained the **architecture roadmap** — decomposing legacy services, introducing integration patterns, and enforcing design standards.

Engineering Practices & Quality

- Established **TDD** as default and introduced **XP methods**, **trunk-based development**, and **CI/CD** with automated quality gates.
- Collaborated with compliance and audit teams to ensure **regulatory readiness**, change management, and segregation of duties.

Mentorship & Stakeholder Management

- Mentored engineers through **code reviews**, **design clinics**, and personalized growth plans focused on clean architecture.
- Managed and communicated with diverse **stakeholders**, including compliance officers, product leads, and delivery managers, ensuring alignment across regions.

Sundhed.dk

2020 – May 2025
Copenhagen, Denmark

Lead Developer

App Outcomes

- Raised overall app ratings across iOS and Android from **2.8 → 4.6** by improving performance, accessibility, and stability.
- Led the migration from a **monolithic frontend to micro frontends**, improving scalability, modularity, and development speed.

Architecture & Engineering

- Built **WCAG-compliant components** to ensure consistent, accessible interfaces across platforms.
- Embedded **TDD**, **DDD**, and **API-First** principles into frontend workflows for maintainability and test coverage.
- Served on the **architecture board**, shaping frontend standards and long-term technical direction.

Collaboration & Leadership

- Partnered with UX and product teams to align design systems, accessibility goals, and implementation.
- Managed a wide range of **stakeholders**, including hospital staff, private foundations, and elected officials.
- Mentored engineers through code reviews, design sessions, and personalized growth plans focused on clean architecture and quality.

2019 – 2020
Copenhagen, Denmark

Senior Software developer

Frontend Development

- Built **frontend solutions** for citizens and healthcare professionals, focusing on performance, reliability, and accessibility.
- Introduced **micro frontend architecture** to enable independent deployment across healthcare applications.

Design System & Reusability

- Developed **shared UI libraries** with design tokens, ensuring consistent branding and faster iterations across teams.

2019 – 2019
Copenhagen, Denmark

Consultant
Healthcare App Development
- Developed and maintained a **mobile app** for Danish citizens undergoing colonoscopy procedures, helping **Herlev Hospital** streamline patient workflows and appointments..

Learningbank

2017 – May 2018
Copenhagen, Denmark

Senior Specialist - VR
Immersive Learning Solutions
- Designed and developed **VR-based onboarding and training platforms** for companies like **COOP** and **McDonald's**, improving employee engagement and retention..

2014 – 2017
Copenhagen, Denmark

CTO
SaaS Architecture & Leadership
- Architected and scaled a **cloud-based e-learning platform**, integrating **AI-driven insights** and adaptive learning algorithms to enhance training effectiveness.
- Built and led a **high-performance engineering team**, promoting Agile, DevOps automation, and continuous improvement.

Nykredit

2012 – 2014
Copenhagen, Denmark

Servicekonsulent
Internal Tools & Automation
- Developed **internal sales and operations applications**, optimizing workflows across eight business units and improving cross-department collaboration.

PUBLIC SPEAKING

- Speaker at **Claude Code Community (by Anthropic)** on implementing and applying **harness engineering** to strengthen secure software development practices.
- **Spoke at Digitaliseringsstyrelsen's network meeting** on implementing WCAG from day one and embedding accessibility across the organization.
- **Guest on the Evolution Exchange podcast:** "Code Quality vs. Product Quality."

LANGUAGES

Danish | English

CERTIFICATES

- Certified Penetration Tester
- Test driven Development

EDUCATION

2011 – 2014
Copenhagen, Denmark

Copenhagen School of Design and Technology, Computer Science