

Marc Andersson

MSc in Software Design

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SKILLS

- User-focused
- Design thinking
- Agile development
- Collaboration
- Facilitating design activities
- Organizational understanding
- AI-assisted development
- AI product development
- AI-assisted Frontend

LANGUAGES

- Danish (native)
- English (fluent)

TECHNICAL SKILLS

- Java
- Python
- React (basic)
- SQL
- Version control (Git / GitHub)

TOOLS AND PLATFORMS

- VS Code (development environment)
- GitHub (collaboration and version control)
- Figma (design and prototyping)
- Miro (visualization and workshops)
- Excel (data analysis and structuring)
- Generative AI for development and productivity
- Python for data analysis

PROFESSIONAL PROFILE

MSc in Software Design with a strong technical understanding of systems and a focus on quality and stable IT solutions. Supported by a bachelor's degree in Innovation and Digitalization, which gives me a broad understanding of users, organizations, and IT in practice. I have experience with development, testing, and hands-on IT work close to users and customers.

I work as an AI-assisted developer and use AI tools actively software development to raise both the speed and the quality of my code. I focus on systems that work, clear interfaces, and high quality, from software to testing, system setup, documentation, and operations. I do well in roles where technical understanding has to be turned into solutions that hold up in everyday use.

EXPERIENCE

4-week internship, IT consultant at IT-Connect

- Designed, developed, published, and adjusted digital web solutions, involving users and acting on customer and user feedback.
- Set up and configured NAS for shared file access, network printers, and remote access.
- Handled IT operations and system setup of IT equipment, including PC clients, network gear, and internet connections.

EDUCATION

2023-2025 MSc in Software Design

IT University of Copenhagen

Focused on development, system design, architecture, quality, and testing, and on the connection between software, users, and organizations.

2020-2023 BSc in Innovation and Digitalization

Aalborg University

Focused on analysis of business processes, digital solutions, IT in an organizational context, and collaboration between technology, users, and stakeholders.

ACADEMIC PROJECTS

Master's thesis, Software Design

How Low-Level Hardware Affects Parallelism and Concurrency on High-Level Code

Analyzed and benchmarked concurrent counters and HashMap implementations in Java across different hardware. Focused on performance, scaling, and bottlenecks in parallel systems, including cache coherence, contention, and lock-free design, with relevance for stable and scalable systems in practice.

Bachelor's project, Innovation and Digitalization

From gimmick to value: Creating value with service robots in the education sector

Analyzed the value and usefulness of service robots in an educational setting. Designed workshops, applied economic theory within design thinking, and turned analysis into concrete design decisions.

Academic project, SMEs and onboarding

Teaching company values in small and medium-sized enterprises through onboarding

Analyzed organizational frameworks and systems and designed tailored onboarding and learning processes together with a company. Acted as facilitator in a design workshop.

Academic project, Welfare technology

Welfare technology from an employee perspective in social psychiatry

Analyzed employee roles and core users with a focus on organizational anchoring, acceptance of change, and role development when rolling out technological solutions.

PERSONAL PROFILE

I take an independent and curious approach to IT and learning, and I have built websites on my own initiative since upper secondary school. I have used agile methods such as Scrum and Kanban in both coursework and project work. Through problem-based learning (PBL) at Aalborg University, I have built strong skills in teamwork, responsibility, and close collaboration in practice.