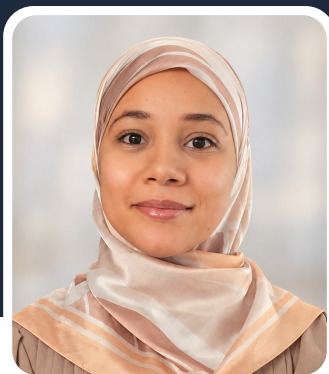




SARA MOUSSA

JUNIOR SOFTWARE ENGINEER

CONTACT

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- LinkedIn

SKILLS

Frontend

React TypeScript Next.js
JavaScript HTML CSS
Tailwind CSS

Backend and data

Node.js Express REST API
TanStack Query SQL MongoDB

Programming and testing

Java Python JUnit 5 Mockito

AI and tools

Claude Cursor OpenRouter Git
GitHub Figma Vercel

LANGUAGES

Swedish

Professional working proficiency

English

Professional working proficiency

Arabic

Native

WORK SAMPLES

- webbhantverk.se
- Staffin case study
- Timeer case study
- Thesis in DiVA

References available on request.

PROFILE

I hold a B.Sc. in Computer Engineering and build websites for small businesses as a freelancer, where I handle the client contact myself from their first needs to launch and support. During my internship at Clear Q I built features in Next.js, React and TypeScript for two live products. I enjoy turning complex workflows into solutions that are easy to use.

EDUCATION

- B.Sc. in Computer Engineering** Aug 2022 – Jun 2025
Software Engineering specialization, Mid Sweden University
- Swedish for University Studies** Jan 2019 – Jan 2020
Qualifying course, Malmö University

EXPERIENCE

- Web Developer** Jun 2026 – present
Freelance, Malmö | webbhantverk.se
 - Build websites for small businesses based on their needs and goals, from needs analysis and design to development, testing, SEO and launch.
 - Handle the client contact and take care of support, troubleshooting and ongoing improvements after launch.
- Frontend Developer, Internship** Oct 2025 – Mar 2026
Clear Q, Arlöv
 - Built features in React, TypeScript and Next.js for two live, login protected products, Staffin and Timeer.
 - Built admin workflows where companies review identity checks and time reports and set rules for overtime, comp time and flex time.
 - Connected the interfaces to REST APIs with typed data models and built tables, forms, validation and protection against unsaved changes.
 - Agile teamwork with Git and pull requests, from Figma to finished feature.

SELECTED PROJECTS

- PMD-LLM Refactor Plugin** 2025
Thesis
 - IntelliJ plugin in Java that combines static code analysis with PMD and refactoring suggestions from a language model via OpenRouter. Tested with JUnit 5 and Mockito and evaluated with complexity metrics.
- Octi Game Agent** 2025
University project
 - Game agent in Java using Minimax, Alpha Beta pruning, iterative deepening and transposition tables, with a heuristic that adapts to the game phase.