

Karam Malkon

Software engineer

Email: kmelkon@gmail.com

Links: [LinkedIn](#), [GitHub](#), karammalkon.com

Software engineer with 10 years building web and mobile products in React, React Native, and TypeScript. Product-minded across the stack, from UI/UX through to backend. Now expanding into AI integration.

Experience:

Frontend software engineer - Nordnet AB

Sweden - Stockholm / Mar 2020 - Present

- Build web and mobile applications in React, React Native, and TypeScript for one of the Nordics' largest online brokers.
- Rebuilt the interactive instrument graph (stocks, funds, indices) used across the web platform.
- Led delivery of the Discover / Shareville social-investing community in the mobile app (React Native), building features that drive user engagement and interaction.
- Mentored and onboarded two backend engineers onto React Native; interviewed frontend candidates as part of hiring.
- Joined the deposits team to improve deposit UI/UX flows and expand into backend work (Java, Spring Boot, PostgreSQL).

Technical skills: React, React Native, TypeScript, Redux Toolkit / RTK Query, Next.js, Node.js, Jest, React Testing Library

Frontend developer - VNTRS Consulting AB/Studi

Sweden - Stockholm / January 2019 - Mar 2020

My responsibilities included:

- Built and maintained the frontend of Studi, an edtech product focused on making schooling accessible across language barriers.
- Incrementally migrated a legacy AngularJS application to ES6, React, MobX, and Webpack.
- Developed an internal admin tool to bulk-import students from Excel spreadsheets and provision school accounts (React, MobX, Firebase).
- Wrote extensive end-to-end tests with Cypress across both the Angular and React apps, plus Jest unit tests.

Technical skills: React, SCSS, Cypress, Jest, MobX, NextJS, AngularJS, BlueprintJS.

Frontend developer - Snow Software AB

Sweden - Stockholm / February 2017 - Dec 2018

My responsibilities included:

- Built and maintained the frontend of the Snow Automation Platform (software asset management).
- Implemented a new "Category Admin" page for searching, editing, and creating categories.

Technologies:

Languages & Frameworks:

JavaScript, TypeScript, React, React Native, Next.js, Node.js, HTML, CSS/SCSS, styled-components, Tailwind

State & Testing:

Redux Toolkit / RTK Query, MobX · Jest, React Testing Library, Cypress, Vitest

Tools:

Git, Figma, Firebase, Netlify, Vite, Claude Code, Github Copilot.

Backend (learning):

Java, Spring Boot, PostgreSQL

AI:

LLM API integration (Claude, OpenAI, Gemini, DeepSeek)

Education:

Princess Sumaya University for Technology - Bachelor's Degree in Computer Engineering

Jordan, Amman | 2008 - 2013

Languages:

Arabic (native), English (Fluent), Swedish (Intermediate)

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- Revamped the Settings page for design, usability, and performance, migrating styling from Bootstrap to the in-house Snow UI with CSS Flexbox and Grid.

Technical skills: AngularJS, Less, Figma.

Frontend developer - Freelance

Sweden - Stockholm / January 2015 - Dec 2016

Worked intermittently on multiple freelance projects:

- Hosting and maintaining a WordPress blog with RTL support
- Building static landing pages using HTML, CSS and JavaScript

Frontend developer - Sajilni

Jordan - Amman / July 2014 - December 2014

My responsibilities included:

- Delivered static landing pages for events on the Sajilni event-management platform.
- Researched and integrated Polymer web components into the admin application.

Technical skills: Polymer Project, SCSS, UI.

Frontend developer - C4 App

Jordan - Amman / July 2013 - June 2014

My responsibilities included:

- Built and maintained a cloud blueprint-sharing web app for civil engineers.
- Designed mockups for new pages and developed an internal CRM.

Technical skills: jQuery, PHP, Bootstrap, Ruby on Rails.

Personal AI projects:

Prompt Auditor - Chrome Extension

github.com/kmelkon/prompt-auditor · [Chrome Web Store](#)

- Manifest V3 Chrome extension that analyzes AI-chat prompts for sycophancy, emotional loading, and leading questions, then suggests neutral rephrasings for more objective responses.
- Integrates four LLM providers (Claude, ChatGPT, Gemini, DeepSeek) via direct, client-side API calls using the user's own keys — privacy-first, no backend.
- Architecture: a content script injects an audit button into supported chat sites, a service worker routes messages, and a React side panel presents suggestions. Built with React, TypeScript, and Vite; tested with Vitest.

Technical skills: React, TypeScript, Vite, Vitest, Chrome Extensions (Manifest V3), LLM APIs