



Dag Ulvsbäck

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I am currently a full-stack developer at the web agency Webbmaffian in Stockholm. My expertise lies in Go, JavaScript, PostgreSQL, Svelte. I am passionate about financial systems and the stock market, and I look forward to deepening my skills in these areas, especially in a solid organization where technology meets finance.

WORK EXPERIENCE

Webbmaffian

Fullstack developer

January 2023 – Present

Stockholm

- Webbmaffian is a web agency focused on system development and tailor-made web applications.
- As a full-stack developer, I have full responsibility for my assigned projects, from customer communication and planning to launch.
- Our preferred stack includes PostgreSQL, Go with Hexagonal architecture, and Svelte for the frontend.
- I have also worked on multiple projects using CMS such as WordPress and Strapi. These involved custom-built themes in PHP and headless frontends in Javascript respectively, built from scratch.

Notable projects:

- **Studio3D:** The design studio - Tenant-based system with 3D configurator built for companies to display 3D models. Features such as changing properties of scene, model, adding materials, etc. that make it easier to make multiple unique models from a selection of models and materials. The configurator is built on the threejs and GLTF standard.
- **Ioffice:** Ioffice ERP - Booking system for customers in the office hotel to book conference rooms in mobile app and web. The system also includes an admin system for managing users, customers, statistics on office and conference rooms and financial overview.
- **Eriks fönsterputs:** Window Cleaner Planner - Planning system that calculates optimal driving trips for the company's window cleaners. The calculation uses genetic algorithms with weights for e.g. the amount of work, the mileage and the experience of the window cleaners to approximate the driving trip.

Smode

Web developer internship

July 2022 – December 2022

Enköping

Smode is a web agency with a focus on WordPress as a CMS. I worked extensively with Elementor to build these websites.

OPEN SOURCE PROJECTS

Stock-scout.app - A Stock Market Screener

A system that fetches and stores financial information from the stock market and presents the data concisely in a list and graph view. It uses Postgresql, Go and Typescript Svelte, and Github Actions for CI/CD. [GitHub Repo](#)

Stock market ticker

June 2024 – August 2024

This project began with fetching high-quality tick data from Yahoo Finance for OMX30 stocks using a Raspberry Pi, Go and TimescaleDB for storage to handle time-series data. I later expanded this project to include all stocks on the OMX exchange, retrieving minute-level data from Avanza. [GitHub Repo](#)