

Marcus Berggren

☎ 070-5189028 | ✉ berggren.me@gmail.com | [in linkedin.com/in/meaberggren](https://www.linkedin.com/in/meaberggren) | github.com/m-berggren | m-berggren.github.com

Summary | I am a passionate programmer who discovered my calling while optimizing logistics workflows, now pursuing Software Engineering & Management studies while being a father of two. I study **Software Engineering** at the joint department of Computer Science and Engineering at **Chalmers and Gothenburg University**.

Technical Skills

Languages Python, Java, Javascript, TypeScript, C/C++, Bash/Shell, CSS & HTML

Tools Pandas, Numpy, Jupyter Notebook, Node.js, Vue.js, Express, NestJS, MongoDB, Postman, CLI/Unix, Git (GitHub/GitLab), SQL, Docker, Arduino

Work Experience

Scandinavian Shipping & Logistics

Agent for X-Press Feeder Line

Jan 2024 – Present

Part-time

- Maintaining Python code, shell scripts and VBA code utilized by the operations team

Bollore Logistics Sweden (ex. Global Freight Solutions)

IT-manager

Aug 2018 – Jan 2024

2022-2023

- Coordinated with global IT teams to align local infrastructure with company-wide standards
- Maintained and developed internal applications and scripts in Python and JavaScript

Agent for X-Press Feeder Line

2018-2022

- Developed workflows and Python scripts to automate and optimize logistics processes
- Worked as husbandry agent for X-Press Feeder's, handling container ships to and from Sweden, Finland and Denmark
- Optimized ship routes, planning operational schedules and cargo on container ships sizing 300-1100 TEUs
- Provided customs work, manifestations, contacts and permits with Swedish agencies and container terminals
- Handled Disbursement Accounting (DA) and PDAs for port calls in Sweden and Finland

Projects

WeFix

2024 - 2025

- WeFix is a distributed full-stack dental appointment system designed to handle high-volume concurrent users through a service-oriented architecture. The system employs redundant servers, load balancers, and MongoDB replication for fault tolerance, while integrating BankID authentication and real-time updates via Server-Sent Events. Built using TypeScript, Vue.js, and NestJS, with comprehensive testing through Jest and K6.

CourseReviewr

2024

- CourseReviewr is a full-stack web application built with Vue.js and Express that enables users to review and discover online courses. The platform features a sophisticated recommendation system using MongoDB aggregation pipelines, alongside secure user authentication and AWS S3 integration for media storage.

Quiet Quest

2024

- Quiet Quest is a productivity system combining hardware and software components to help users maintain focus. The project features a sensor-equipped box device built with microcontrollers (C++) for storing mobile phones, paired with a desktop application in Java for task management. The system implements a publish-subscribe architecture using MQTT protocols.

Education

Software Engineering and Management

2023 - 2026

Bachelor of Applied Science - BASc, Gothenburg University & Chalmers, Sweden

International Freight Forwarding

2016 - 2018

Yrgo, Higher Vocational Education