

FILIP SJÖLANDER

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EDUCATION

Chalmers University of Technology

MSc, Software Engineering and Technology

Gothenburg

Sep 2021 – Present

- Expected Graduation: June 2026
- Course areas: Machine Learning, Requirements Engineering, Project Management, Quality Assurance and Testing

Chalmers University of Technology

BSc, Software Engineering

Gothenburg

Sep 2021 – Jun 2024

- Course Areas: Advanced Programming, Object Oriented Programming, Mathematics, Scrum Projects, Human Interaction Design, Data structures and algorithms

EXPERIENCE

Software Developer

Jun 2024 – Present

Centiro

Borås

- Develop and maintain scalable software applications using C#, Angular, SQL, and MongoDB.
- Collaborate with an agile team to enhance and stabilize financial systems for customers.
- Participate in code reviews and architecture discussions to ensure code quality and performance.

Software Developer

Jun 2023 – Aug 2023

Centiro

Borås

- Led a complete full-stack redevelopment, migrating data from SQL to MongoDB and building a new Angular frontend, improving performance and UX.

Warehouse Worker

Jun 2022 – Aug 2022

Lernia

Borås

- Handled phone warranty cases, checking functionality and packing/unpacking devices.

Warehouse Worker

Jun 2018 – Aug 2019

Contac

Bollebygd

- Performed various warehouse tasks.

PROJECTS

Bachelor's Thesis: Group room bookings made efficient

- Identified key issues with the university's existing booking system (TimeEdit) through user research, including a survey of 130 students, interviews, and stakeholder meetings.
- Designed and developed a high-fidelity mobile application prototype, using Flutter with Firebase for the functional proof-of-concept.
- Validated the design through rigorous user testing, including A/B testing and heuristic evaluations. The final prototype reduced the average time to book a room from 26.9 seconds to 15.6 seconds compared to the existing system.

SKILLS

Languages: Python, C#, Java, TypeScript, Dart, PHP, HTML, CSS

Frameworks: React, Node.js, Laravel, Angular

Databases: MySQL, PostgreSQL, MongoDB

DevOps & Tools: Docker, Kubernetes, GCP, Azure DevOps, SonarQube, Grafana, Git, Postman, Figma