Ellen Halvardsson

Software Developer

✉ ellenhalvardsson@gmail.com

📞 0763234629

○ github.com/EllenHalv

in linkedin.com/in/ellen-halv

📍 Göteborg

👤 Profile

Social, driven, and creative with a passion for technology and problem-solving. With experience in various programming languages and technologies, I adapt easily to new challenges and am dedicated to learning and continuous development.

🧠 Personal Qualities

- Problem Solver
- Responsible and Accountable
- Proactive and Self-Motivated
- Strong Communicator

</> Programming Languages

| Java | JavaScript | C# |

Python

💻 Tools/Technologies

Spring Boot   Oauth2

Kafka   CI/CD

Github Actions   Jenkins

Docker   React.js   .NET

TDD   Unit Testing

MySQL   PostgreSQL

MongoDB   Linux

SNMP   AWS   Azure

Scrum   Agile Development

💼 Professional Experience

Software Developer
Cypoint Infinity ⧉
May 2024 – Nov 2024 | Göteborg, Sweden
During my internship at Cypoint Infinity, I developed backend solutions using Java, Python, and SNMP, and containerized applications with Docker. I improved reliability with unit tests and custom exceptions. Additionally, I created Grafana dashboards for data visualization and analysis. I worked with cloud platforms such as Azure and Cloudist and optimized the migration of SQL databases from Windows to Linux, reducing time and costs. I quickly adapted to new technologies and collaborated with the team to tackle challenges across multiple projects.

Baker/Pastry Chef
2016 – 2023 | Karlstad, Sweden
With several years of experience as a baker and pastry chef, I honed my problem-solving skills, creativity, and attention to detail – abilities I now apply to programming and software development. My background taught me to work methodically and to continuously strive for better results.

🎓 Education

Java Developer & Integration
Campus Mölndal ⧉
Jan 2023 – Nov 2024 | Mölndal, Sweden

📁 Projects

Java/React Inventory Application ⧉
A full-stack application hosted on AWS with a Java backend and a React.js frontend, allowing users to create and manage inventory. The application is hosted using Elastic Beanstalk and features a CI/CD pipeline implemented with GitHub Actions and AWS CodePipeline.

Java Web Service with Spring Security ⧉
A web service built with Spring Boot that uses Spring Security and JWT for authentication. It supports both user and admin authentication, along with functionality to manage movies. The application interacts with a MySQL database, where users can perform CRUD operations on movies. The admin role has full access, while the user role has restricted access.

Java/React Budget Tracker Application ⧉
A full-stack application developed with Spring Boot and React, utilizing OAuth2 and JWT for authentication. The application allows users to create and manage budgets, track expenses, and gain insights into their spending. Access rights are managed through user and admin login, where regular users have limited access, and administrators have extended rights, such as managing user accounts.

C# ASP.NET MVC Web Application ⧉
Thesis Project
As part of my thesis at Campus Mölndal, I focused on deepening my knowledge in C# and ASP.NET ⧉ Core by developing an MVC web application. Technologies used in the project included API authentication, MySQL database integration, Entity Framework for data access, SignalR for a chat feature with real-time communication, and Razor Views for content rendering.