

Ellen Halvardsson

Systems Developer

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- 📍 Göteborg
- 🔗 My Portfolio

Profile

Curious, 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.

Programming Languages

- Java
- JavaScript
- HTML
- CSS
- C#
- Python

Tools/Technologies

- Spring Boot
- SQL
- TDD
- Unit Testing
- Bootstrap
- React.js
- Oauth2
- CI/CD
- AWS
- .NET
- Linux
- Docker
- SNMP
- Azure
- Scrum
- Agile Development

Courses

Understanding HTML and CSS: Semantic HTML + Modern CSS

Anthony Alicea, Udemy

Jan 2025

"Understand, don't copy: Master semantic HTML, CSS container queries, layers, grid, flexbox, nesting, browser internals"

Professional Experience

Systems Developer

Högskolan i Borås

Mar 2025 – Present | Borås, Sweden

- Developed and further enhanced a system used by students and staff at multiple educational institutions in Sweden.
- Primarily programmed in Java and JavaScript, with elements of HTML, Bootstrap, and CSS.
- With a focus on user-friendliness and performance, implemented new features and improved the codebase by translating older code into newer standards and more modern languages, increasing code reusability and modularity.
- Implemented responsive design using Bootstrap and CSS, enabling the web application to be used on all devices and eliminating the need for an older mobile app.
- Continuously maintained and updated frameworks, libraries, and webjars to the latest versions to eliminate known security vulnerabilities and ensure stable performance.
- Worked in an agile development environment with version control, code reviews, and continuous feedback within the team.

Systems 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.
- Improved reliability with unit tests and custom exceptions.
- Created Grafana dashboards for data visualization and analysis.
- Worked with cloud platforms such as Azure and Cloudist
- Optimized the migration of SQL databases from Windows to Linux, reducing time and costs.
- Quickly adapted to new technologies and collaborated with the team to tackle challenges across multiple projects.

Baker/Pastry Chef

2016 – 2023 | Karlstad, Sweden

- Developed my problem-solving and collaboration skills, and used my creativity and attention to detail to bring customers' visions to life – skills I now continue to apply in programming and software development.
- Learned to work in a structured way and to continuously improve the outcome.

Education

Java Developer & Integration

Campus Mölndal

Jan 2023 – Nov 2024 | Mölndal, Sweden

Other merits & Projects

Web Portfolio

I developed my web portfolio using HTML, CSS, JavaScript, and React as a final project after completing a course in HTML and CSS. The goal was to create a website to showcase my skills and projects, as well as to improve my knowledge of frontend technologies throughout the process. The website features a fully responsive design, ensuring it works well on all devices.