

## Stage voor de opleiding Master Informatica

**Titel:** End-to-End test platform for an AWS microservice/monolith architecture

### Gegevens bedrijf:

Naam: Stellar Labs

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Adres waar de student zal werken:

- Remote (home)
- co-workingspace Mechelen: The Crescent Motstraat 30 – 2800 Mechelen (1 or 2 days per week)

Kort (min 90 uur) of lang (180 uur): **kort / lang**

### Korte beschrijving van de opdracht:

Stellar Labs solves the skills gap for mid-market companies with a neuroscience based, AI-enabled platform that builds training programmes 10x faster and with 70% more impact unlike today's LMS and LXPs.

For our AI-enabled platform, we are looking for a software engineer with a passion for DevOps to implement a fully automated end-to-end test platform. Currently all testing is done manually which is a time-consuming task. Therefore we want to setup a fully automated test-cycle which can run on both our test and production environments.

The purpose of the internship would be to:

- investigate our current architecture
- research existing tools and decide on which tools to use
- implementation of end-to-end automated testing with a controlled dataset

The student will be part of the product development team of Stellar Labs and will be guided by two experienced software engineers.

### Technologieën die aan bod zullen komen:

- AWS
- Java
- NodeJS
- TypeScript
- MongoDB/DynamoDB
- CI/CD
- Generative AI (OpenAI)



- CircleCI
- GitHub
- Testing frameworks (Cypress/Playwright/...)