

# ANAN LI

Software Developer

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I build scalable web applications and am skilled in frontend frameworks, microservices, and Agile workflows. I am passionate about solving real-world problems through innovative solutions. Find more at [my personal website](#).

## Projects

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### Junker

#### An Eco-Conscious Second-hand Exchange Platform

*Svelte, Javascript, Microservices*

*Oct. 2024 – Jan. 2025*

- Implemented Tinder-style swiping for intuitive item browsing and selection.
- Used Sveltekit in the frontend development for a seamless user experience.
- Designed and maintained microservices for user management and listings.

### WeatherVIS

#### A Wind Power Load Visualization Tool

*Laravel, PHP, MySQL*

*July 4th 2024*

- Integrated real-time data from client-provided windmill power locations into an interactive map.
- **Winner** of the Hacking by the Sea Hackathon 2024

### Outokumpu Gemba Walk

#### A Customized Company Workflow Application

*Laravel, PHP, MySQL*

*Feb. 2024 – June. 2024*

- Designed and implemented a form mirroring the existing Excel template for data collection.
- Developed features to enhance scheduling and efficiency of Gemba walks.

### Tetra's Adventure

#### Engaging Educational Game for Children

*Typescript, HTML5*

*Oct. 2023 – Feb. 2024*

- Designed and developed an interactive game guiding children to learn basic programming concepts.
- Implemented gameplay mechanics, optimized user experience, and ensured smooth performance.
- Collaborated in a team of four, enhancing problem-solving and teamwork skills.

## Education

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### HZ University of Applied Science

#### HBO - ICT

*Middelburg, NL*

*Sep. 2023 – Present*

- 8.7/10 Propedeuse Bachelor

### University of Maryland, Baltimore County

#### Biological Sciences - Bachelor of Science

*Baltimore, USA*

*Sep. 2013 – May 2018*

- Minor in **Information System** and **Psychology**

## Work Experience

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### Mygym

#### English Teacher

*Guangzhou, China*

*2020 – 2022*

### DNA4 Technologies

#### Laboratory Technician

*Baltimore, USA*

*2017 – 2019*

- Assisted in developing bioinformatics workflows for cloud-based genomic data analysis.

## Skills

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- **Programming languages:** Javascript, Python, PHP, HTML5, MySQL, GDscript, Java
- **Libraries/Frameworks:** React, Next.js, Sveltekit, Laravel, Springboot, Tailwind
- **Tools/Platforms:** Git, GitHub, Docker, Figma, Vercel, Heroku