

# Contact

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## Email

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## Address

Addis Ababa, Ethiopia

## github

[Hermelasis](#)

## linkedin

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## portfolio

[portfolio-link](#)

# skill

**Languages:** Java, Python, JavaScript, C++, PHP,

Dart

**Web Development:** HTML, CSS, React, Node.js,

Express

**Mobile Development:** Flutter

**Databases & cloud:** MySQL, MongoDB, firebase

**Tools:** Git, GitHub, VS Code, Postman

**Concepts:** OOP, Data Structures & Algorithms,

REST APIs

# Language

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English, Amharic, Oromiffa

# Certifications & Activities

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## Certifications ([certificate link](#))

Korean e-government framework: UNESCO

UNITWIN Program

data analysis: Udacity

chatgpt and generative AI: UNESCO UNITWIN

Program

Node.js: google developer group

data annotation with Annotate Plus: R&D group

## Activities

Mentor: She Code Women in Tech

Hackathon Participant: google developer group

AI Data Annotation Contributor

Team lead: She Code Women in tech: backend  
team lead

# Hermela Asmamaw

Software Engineering Student | Full-Stack Developer

## Education

2023-ongoing

**Bachelor of Science in software engineering**

Addis Ababa Science And Technology University

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2023-ongoing

**Bachelor of Science in Marketing Management**

unity University

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2025-ongoing

**Fast-Track Master's Program in software engineering**

Addis Ababa Science And Technology University

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## Experience

### Mentor — She Code (Women in Tech Program)

2026 – Present

- mentorship and guidance to female students in backend development.
- Guide learners through hands-on coding exercises and projects

### Team lead: She Code (Women in Tech Program) backend team lead

2026 – Present

- Lead the backend development team, guiding members in building and structuring server-side applications

### Personal Projects

- project development with Flutter, React, Node.js, and several other frameworks to strengthen my programming expertise.

## Projects

### blog management system

- Tech: Node.js, Express, MongoDB, REST APIs
- Developed a full-stack blog platform that allows users to create, edit, delete, and manage blog posts. Designed and implemented RESTful APIs and connected the backend to a MongoDB database.

### MindNest mobile app

- Tech: Flutter, Firebase
- Built a cross-platform mobile application focused on user engagement and interactive features.
- Designed responsive UI screens and implemented core app functionality using Flutter.

### smart poultry monitoring system

- Tech: IoT, ESP Microcontroller, Sensors, Real-Time Data Processing
- Contributed to the development of an IoT-based smart monitoring system for poultry farms.
- Integrated ESP microcontroller sensors to collect real-time data.

### human resource management system

- Tech: Web Technologies, Database Systems, TOGAF Enterprise Architecture
- Participated in the development of a human resource management system for managing data. Contributed to system design and feature implementation while aligning the solution with TOGAF enterprise architecture principles.

## Summary

Software engineering student with hands-on experience in full-stack development, mobile app development, and IoT-based systems using Java, Python, JavaScript, and Node.js. Active mentor in the She Code women-in-tech program, passionate about using technology to solve real-world problems and support inclusive tech education.