Rafia Kedir *Software Engineer*

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Profile

Motivated and detail-oriented fourth-year Software Engineering student at Addis Ababa Science and Technology University (AASTU). Proficient in Python, Java, and Django, with a strong foundation in data structures and algorithms. Passionate about building efficient solutions and collaborating on innovative projects.

Education

2022 – 2026
Addis Ababa, Ethiopia

Bachelor of Software engineering
Addis Ababa science and technology university

- Relevant Coursework: Programming in multiple language, internet programming, Object-Oriented Programming (OOP), Database Systems, Data Structures and Algorithms (DSA), Operating Systems (OS).
- Academic Achievement: Scored above 3.5 GPA in two semesters.

Skills

Programming: Python, Java, C++, PHP, JavaScript   Web Development: HTML, CSS, js, jquery Django

Databases: MySQL, postgresql

Professional Experience

2024/07 – 2024/08

Python Developer Intern
CodeAlpha
Improved backend systems using Python and optimized existing features under tight deadlines.

2023/12 – 2024/05

Certified Django developer
- Collaborated in a team to develop innovative software solutions during a competitive hackathon.
- Contributed to backend development using Python and Django.

Projects

Smart Parenting System | Django & MySQL
Created a platform to help parents monitor their children's academic and behavioral performance in school.
Integrated secure user authentication and real-time updates using Django's web framework.

Hotel Management System | Java
Designed and implemented a desktop application to streamline hotel operations such as room booking and check-ins.
Leveraged Java's object-oriented programming capabilities to create a scalable and user-friendly system

Library Management System | Django & MySQL
Developed a web-based system to manage library resources, including book borrowing and return tracking. Designed backend logic using Django and implemented MySQL for secure data storage.

Languages

- Arabic
- English
- Turkish