

# Michael Taklegiorgis

"Results-driven Software Engineer with hands-on experience in front-end, back-end, and Python-based development. Proficient in designing, coding, testing, and maintaining web applications. Committed to continuous learning and delivering reliable software solutions."

## Projects

### Payroll Management System

- The System is designed to automate and streamline employee salary processing within an organization.
- It handles tasks like calculating wages, tax deductions, bonuses, and overtime, ensuring accurate and timely salary disbursements.
- The System is a web-based application developed using HTML, CSS, and JavaScript for the front-end design, while PHP and MySQL handle the back-end and database operations.

### Gym Management System

- Using Python, Django
- Managing a gym involves tracking members, equipment, plans, enquiries, and payments, which can become chaotic without an integrated system.
- The Django-Based Gym Management System offers a secure, web-based platform that centralizes all gym operations.
- It features user authentication, CRUD operations for members and equipment, and a powerful Django admin panel.
- The system uses responsive templates for ease of use and supports easy customization for future needs.
- Suitable for both small studios and large gym chains, it ensures efficiency, data security, and smooth management.

### Budget Planner

- Using Java
- The Budget Planner is a Java Program designed to help university students efficiently manage their finances.
- It allows students to track their income, expenses, savings, and budget goals in a simple and intuitive interface using Java Swing for the front-end and basic file handling or static lists for data storage (no database needed).

## Educational Background

### Bachelor of Science in Software Engineering

Haramaya University  
Feb 2023 - Jul 2027

- Software Engineering

## Contact

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### Github

<https://github.com/MichaelTaklegiorgis>

## Skills

### Technical Skills

- Back-end Development
- Python Development
- Django Development
- FastAPI Development
- Website Design
- Web Scraping

### Tools/Software

- Python, Django, Flask, FastAPI
- HTML, CSS, Tailwind, Javascript
- PyCharm, VSC, Netbeans, dev C++
- PHP, Java, C++
- PostgreSQL, MySQL
- Git, Github, Heroku
- Figma(UI/UX Design)

### Languages

- English (Fluent)
- Amharic (Fluent)
- Afaan Oromo (Fluent)