

Michael Wondemu Dessie | Software Engineer

Addis Ababa – Ethiopia

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Education

Addis Ababa Science and Technology University

Masters of Software Engineering, GPA: 3.63

Thesis: Very Good

Addis Ababa, Ethiopia

2021

Skills

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

Frameworks: NestJS, ReactJS, Laravel

Databases: PostgreSQL, MySQL, MongoDB

Deployment: Docker, GitHub (CI/CD), Nginx

Messaging Systems: RabbitMQ, Kafka

Other Skills: Problem-solving, Agile methodology, Team collaboration, Cross-platform development

Professional Experience

Perago Information Systems (PIS)

Software Engineer

Addis Ababa, Ethiopia

February 2021 – October 2024

- Developed the ePROCURE system, streamlining procurement processes for government projects.
- Implemented features such as vendor management, e-Tendering, and contract management.
- Enhanced system security by implementing best practices in encryption and authentication.

Kachamale Technologies

Software Engineer

Addis Ababa, Ethiopia

January 2024 – Present

- Developed and optimized customer management systems for clients in multiple industries.
- Led a team to design and implement an efficient inventory management system.
- Worked with cross-functional teams to ensure smooth deployment and operation of client systems.

Projects

Yenegetse CMS Platform

Yenegetse CMS

Addis Ababa, Ethiopia

2024

- Designed a CMS platform supporting multiple Ethiopian languages.
- Built the back-office system for easy content management, integrated with SMS functionality.
- Website: <https://yenegetse.com>, Backoffice: <https://manager.yenegetse.com>.

E-commerce Platform

E-commerce Optimization

Addis Ababa, Ethiopia

2024

- Improved search functionality with PostgreSQL trigram and Redis caching for faster query performance.
- Enhanced product recommendation system using machine learning techniques.
- Website: <https://abosh.com>.

ePROCURE Procurement System

ePROCURE System

Addis Ababa, Ethiopia

2023

- Contributed to the development of a digital procurement system for government entities.
- Enhanced the system's user experience (UX) by incorporating customer feedback.
- Backoffice: <https://dev-bo.megp.peragosystems.com/iam/auth/login>.

Languages

English: Fluent

Amharic: Native

Interests

Technologies: Artificial Intelligence, Cloud Computing, Data Science

Hobbies: Reading tech blogs, Playing football, Traveling