

# Yonas Tesera

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Bahir Dar, Ethiopia

## SOFTWARE DEVELOPER

Motivated and results-oriented Software Developer eager to contribute to impactful projects in a dynamic environment. Skilled in building scalable web applications, data analysis, and problem-solving, with a proven ability to deliver efficient solutions and collaborate effectively within cross-functional teams.

## KEY COMPETENCIES

Front-End Developer	Database Management	Cloud Deployment
Back-End Developer	Version Control	Data Structures & Algorithms
API-Development	Performance Optimization	State Management

## PROFESSIONAL EXPERIENCE

Askuala Link

Dec 2024- Present

### Back-End Developer Paid Intern

- I worked on backend development, focusing on automating roster generation from system design to implementation for schools. I developed a comprehensive system that generates student rosters, calculates rankings, averages, and total scores, and delivers detailed reports to parents via SMS. My role involved designing and optimizing database structures, implementing business logic for roster calculations, and integrating messaging services for seamless communication. Additionally, I collaborated with front-end developers to ensure smooth API integration and maintained code quality through rigorous testing and version control.

### Walmart USA Advanced Software Engineering Virtual Experience Program on Forage

January 2025

- Completed the Advanced Software Engineering Job Simulation where I solved difficult technical projects for a variety of teams at Walmart.
- Developed a novel version of a heap data structure in Java for Walmart's shipping department, showcasing strong problem-solving and algorithmic skills.
- Designed a UML class diagram for a data processor, considering different operating modes and database connections.
- Created an entity relationship diagram to design a new database accounting for all requirements provided by Walmart's pet department.

## EDUCATION & CERTIFICATIONS

### Bachelor of Science Jan 2023- Present

Majors: Computer Science  
Bahir Dar University

### Software Development

Developer certification, representing 4 months of coursework at Power Learn Project. [VERIFY](#)

### Fundamentals of Programming

representing approximately 2 months of coursework at Udacity.com. [VERIFY](#)

## TECHNICAL SKILLS

### Programming Languages

JavaScript, Python, C++ and Java

### Web Development

HTML, CSS, JQuery, Bootstrap, ReactJs, Tailwind  
CSS, NodeJs and ExpressJs

### Database

MySQL and MongoDB, Sequelize

### Version Control

Git

### Deployment and Hosting

Vercel, Netlify, Heroku, Firebase and AWS