



# Bushra Kidanemariam

## Full Stack Developer

Full Stack Web Developer | Front-End Developer  
Android App Developer

## Contact

+251-953475685

bushra.kmb@gmail.com

<https://github.com/Bushra-KB>

Debre birhan, Ethiopia

## About Me

I'm a dedicated and detail-driven **Full Stack Developer** with a solid background in both web and mobile application development. Alongside my technical expertise, I bring years of experience as a Lecturer and E-learning Coordinator, where I led digital transformation initiatives and empowered students and faculty through technology-driven learning solutions.

## Skills

### Front-End Development:

- HTML, CSS, Tailwind, Bootstrap
- JavaScript (ES6+, DOM Manipulation)
- React.js: Hooks, Context API, Router
- Component-Based Architecture,
- State Management
- Responsive Design

### Back-End Development:

- PHP, Node.js
- RESTful APIs
- MySQL, MongoDB

### Mobile App Development:

- Android (Kotlin, Java, XML)
- Firebase Integration

### Tools & Platforms:

- Git & GitHub, VS Code, Android Studio, Figma, WordPress, Moodle (LMS)

## Education

### Bachelor of Science (BSc) in Electrical and Computer Engineering

*Jimma University, Ethiopia*

2012 - 2016

Graduated with strong foundations in computer hardware, programming, and engineering principles.

### Master of Science (MSc) in Computer Engineering

*Mekelle University, Ethiopia*

2018 - 2020

Graduated with a focus on advanced computer systems, software development, and digital technologies.

## Experience

### Assistance Lecturer

*Debre Berhan University*

2012-2018

- Taught programming and computer engineering courses, delivering lectures and facilitating discussions.
- Advised and mentored students on their BSc projects, providing guidance and troubleshooting technical challenges.

### Lecturer and Researcher

*Debre Berhan University*

2019 - Present

- Taught programming and computer engineering courses,
- Advised students on BSc projects and provided mentorship
- Developed and managed content for Moodle and Open edX LMS platforms, enhancing online learning and streamlining course delivery.

### E-learning Coordinator

*Debre Berhan University, Ethiopia*

2024- Present

- Led the digital transformation of e-learning platforms, enhancing accessibility and engagement for students and staff
- Provided training to faculty and staff on utilizing the Learning Management System (LMS).
- Coordinated the development of e-learning materials and resources

### Freelance Full Stack Developer

*CDI work, Upwork, Remote*

2020- Present

- Developed the front-end interface for a client's data scraping project, built with React.js and Tailwind CSS, focusing on a clean UI and responsive design.
- Developed and deployed full-stack web applications using React, Node.js, PHP/Laravel, and MySQL/MongoDB.

### Project: Online Examination System

*Debre Berhan University, Ethiopia*

2022-2023

- Designed and developed a comprehensive online examination system for the Department of Electrical and Computer Engineering, enabling efficient and secure online testing.
- Built with React, Bootstrap, and PHP/Laravel.

### MSc Thesis: Generic Multitask Summarizer for Amharic Text Documents

*Mekelle University, Ethiopia*

2020

- Developed a generic multitask summarizer for Amharic text documents, focusing on extractive summarization methods.
- Implemented the system using Java and the JAMA framework



# Certificate Of Project Completion



Presented to:

## Mr. Bushra Kidanemariam Bersoma

for successfully completing the development of an online examination system for the Department of Electrical and Computer Engineering.

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Destu Tegegne Asadew

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Head of Department of Electrical & Computer Engineering  
Debre Berhan University, Ethiopia

Presented this April of 2023



Dean of Engineering College  
Debre Berhan University, Ethiopia



## freeCodeCamp(↗)

This certifies that

**Bushra Kidanemariam Bersoma**

successfully completed the

## Responsive Web Design

Developer Certification on January 3, 2025

representing approximately 300 hours of work



Quincy Larson  
Executive Director, freeCodeCamp.org



Verify this certification at:

[https://freecodecamp.org/certification/BushraK/Mariam/bushra\\_kidane](https://freecodecamp.org/certification/BushraK/Mariam/bushra_kidane)



VERIFIED  
CERTIFICATE OF ACHIEVEMENT

e-SHE

This is to certify that

**Bushra K/Mariam**

successfully completed and received a passing grade in

e-SHE: OEX101's How to Build in Open edX Studio

a course study offered by Ministry of Education

In partnership with



VERIFIED CERTIFICATE  
Issued April 3, 2025

VALID CERTIFICATE ID  
7a55f15428374925b63d0fd63bc11ccf

