



# Bushra Kidanemariam

## Full Stack Developer

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

### Contact

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<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

20126- 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/Larvel, 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



