

**Gebrehiwot Zewdie Kiflu**

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**Professional Summary**

Dynamic and detail-oriented Full-Stack Web Developer with 2+ years of professional experience in designing, developing, and deploying responsive web applications. Former University Lecturer with a Master's in Textile Chemistry, bringing a unique blend of technical expertise, teaching skills, and problem-solving capabilities. Proven ability to create seamless user experiences, manage databases, and build robust backend infrastructures.

**Skills**

**Programming Languages & Frameworks:** JavaScript (ES6+), React.js, Node.js, Express.js, PHP, HTML5, CSS3, SCSS, Bootstrap

**Databases:** MongoDB, MySQL, Firebase, AWS RDS

**Tools & Platforms:** Docker, Git, GitHub, Render, Netlify, AWS S3, CloudFront, Stripe API

**Soft Skills:** Communication, Team Collaboration, Analytical Thinking, Teaching & Mentorship

**Other Skills:** CI/CD, RESTful API Development, DevOps Practices, Dropshipping (Shopify, DSers), Jira, Trello, Slack

**Work Experience****Web Developer (Freelance | Remote) | August 2022 – Present**

- Built and deployed responsive web applications, including an Amazon-like e-commerce platform and a media streaming app.
- Designed dynamic frontends using React.js and integrated robust backends with Node.js and Express.js.
- Implemented Stripe payment systems for secure transactions.
- Optimized websites for mobile responsiveness and accessibility.
- Transitioned businesses to cloud platforms, leveraging AWS EC2, S3, and CloudFront.

**University Lecturer**

Bahir Dar University, Ethiopian Institute of Textile and Fashion Technology | March 2014 – Nov 2022

- Taught undergraduate and postgraduate courses in Textile Chemistry, instructing over 300 students.
- Mentored students on research projects, fostering analytical and problem-solving skills.
- Conducted workshops bridging academic knowledge with industry applications.
- Collaborated with stakeholders to enhance academic and practical learning experiences.

## **External Relations Officer**

Bahir Dar University | Oct 2016 – Sept 2018

- Managed external relations and institutional collaborations.
- Signed MoUs with local and international stakeholders.
- Planned and monitored office operations for efficiency.

## **Education**

### **Master of Science in Textile Chemistry**

Bahir Dar University, Ethiopia | 2014

### **Bachelor of Science in Textile Engineering**

Bahir Dar University, Ethiopia | 2007

## **Projects**

### **E-Commerce Platform**

- Designed and implemented a scalable e-commerce platform with advanced search, product categorization, and cart functionalities.
- Integrated Firebase for authentication and Stripe for payment processing.

### **Eva-Forum**

- Developed a social interaction platform enabling users to post questions and answers with real-time database updates using MongoDB.
- Designed a responsive and engaging frontend with React.js and Bootstrap.

### **Netflix-Inspired Streaming App**

- Created a platform to browse and stream media, incorporating a dynamic carousel and genre-based filtering.
- Integrated APIs for fetching real-time media data and enhanced UX with responsive design.

## **Certifications**

- Full-Stack Web Development Certification
- AWS Educate Introduction to Cloud

**Languages:** English: Fluent, Amharic: Native & Tigrigna: Native

## **Publication**

- ✓ **Thakore KA and Zewdie Geberehiwot (2020)**, Economy and Ecology in Dyeing-Cold Pad batch Dyeing Method for Cotton Knitted Fabric Vol. 10, Issue 4