TESFAB TEFERA

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LinkedIn: www.linkedin.com/in/tesfabtech

Summary

Motivated and detail-oriented Software Engineer with a strong foundation in full-stack web development and a passion for building secure, user-focused applications. Skilled in designing intuitive UX/UI interfaces and developing modern frontend websites with React and Next.js. Experienced in building practical systems including administrative dashboards, e-commerce platforms, and integrated chatbot solutions. Eager to apply technical and design expertise to deliver impactful, real-world solutions.

Technical Skills

- Languages & Frameworks: PHP, HTML, CSS, JavaScript, React, Next.js, C++,Java
- Web Development: Full-stack applications, responsive UI/UX design, admin dashboards
- Databases: MySQL, XAMPP, phpMyAdmin
- API & Services: RESTful APIs, EmailJS, Firebase, Stripe API
- Email Services: PHPMailer (SMTP-based password reset, email alerts)
- Tools & Platforms: Git, GitHub, Visual Studio Code

Projects

E-commerce Platform

A complete online shopping platform featuring a rich user and admin experience.
- User registration and login with Firebase Authentication
- Product catalog with category filtering and search
- Shopping cart with session-based persistence and AJAX updates
- Secure checkout integrated with Stripe payment gateway
- Admin dashboard for product, order, and user management
- Wishlist feature with add/remove functionality
- Responsive design optimized for all screen sizes
- Order tracking with detailed history for users
- Blog feature with post creation, likes, and comments
- Integrated chatbot to assist customers in real time

Smart Transportation System

IoT-enhanced web interface linked to GPS tracking hardware.
- Live vehicle location display on interactive maps
- Historical alert and event logging
- Designed for real-time monitoring and transport data visualization
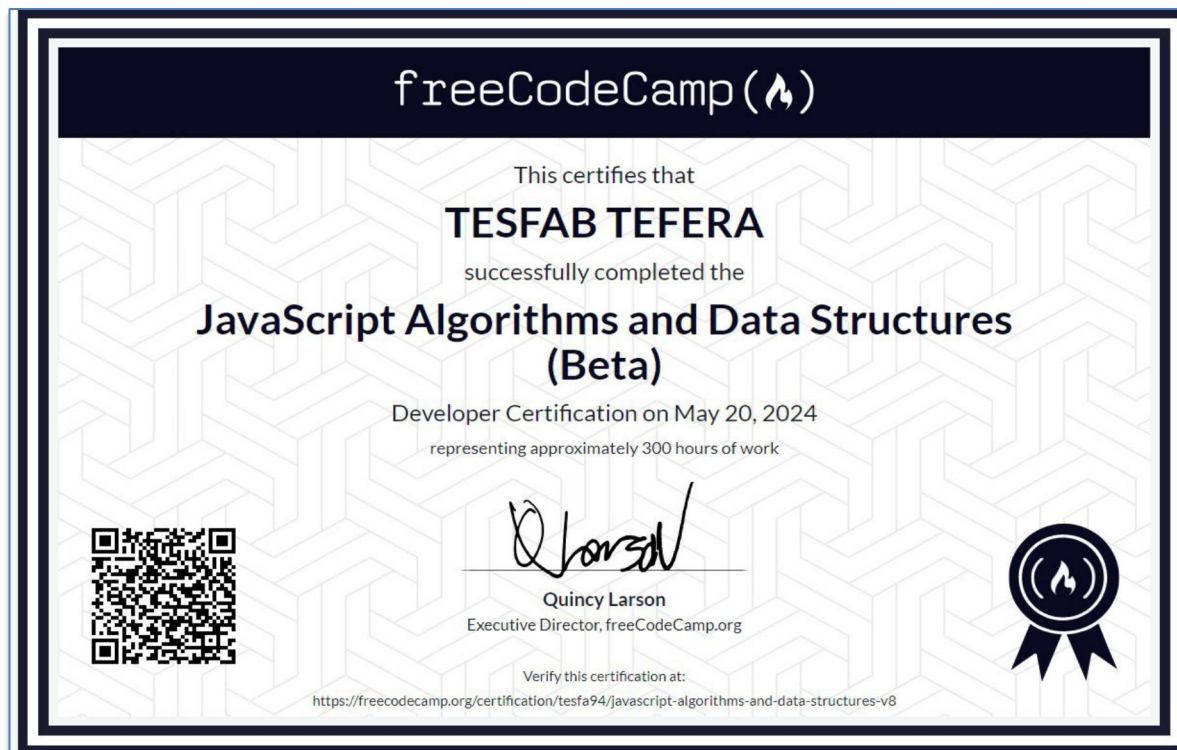
Education

Bachelor of Science in Software Engineering
Wachemo University – Hossana, Ethiopia
Expected Graduation: June 2025 (G.C.) / 10/2018 (E.C.)

Certifications

- JavaScript Algorithms and Data Structures – freeCodeCamp (May 20, 2024)

- Responsive Web Design – freeCodeCamp (May 14, 2024)

freeCodeCamp(🔥)

This certifies that

TESFAB TEFERA

successfully completed the

Responsive Web Design

Developer Certification on May 14, 2024

representing approximately 300 hours of work

Quincy Larson
Executive Director, freeCodeCamp.org

Verify this certification at:
https://freecodecamp.org/certification/tesfa94/responsive-web-design

- Huawei Seeds for the Future Program 2023–2024 – Huawei (Nov 6, 2023)

HUAWEI | seeds for the future

TESFAB TEFERA

has been presented the

Certificate Of Completion

in recognition for successfully completing the

Huawei Seeds for the Future Program 2023-2024

The program included 15 hours of instruction and mentorship from top industry experts on cutting edge technologies including 5G, AI, Cloud Computing and Digital Power. Participants also received the opportunity to participate in the Global Tech4Good competition through which they honed their skills in leadership, problem solving and entrepreneurship.

2023/11/06

Date

Jeff Wang

President
Public Affairs and Communications Dept.

References

Available upon request