**TEDROS TESFU GEBREZIGABHEIR**

6 Lourne Court Ave. • Brampton, Ontario • 416-820-8937

[tedtfu@gmail.com](mailto:tedtfu@gmail.com)• github.com/TedTes • <https://www.linkedin.com/in/tedrostesfu/>

**FULL STACK WEB DEVELOPER**

**SUMMARY:**

Skilled full stack developer, compliant with software development life cycle with 4 years of work experience in various technologies including database programming. Effective client collaboration abilities used to successfully gather and analyze requirements and deliver finalized projects. Deep familiarity with software development life cycle ,strong business domain experience in accounting, banking, and commercial fields. Implemented numerous projects, coding for front-end and back-end with web services, design patterns, and advanced frameworks.

**SKILLS:**

**Data Structures and Algorithm:** Strong foundation on Data structures and algorithm

**Web:** HTML5, CSS3,SASS JavaScript, XML, JSON, jQuery, AJAX,

**Web Services:** RESTfull-API, GRAPHQL

**Web/App Servers:** Nodejs, Express

**Cloud Platforms**: AWS,HEROKU, DIGITAL OCEAN….

**Frameworks:** Bootstrap, React, Express

**Databases:** MySQL, MS SQL Server, MongoDB, MS Access

**SDLC:** Agile/Scrum, RUP, Waterfall, Iterative, TDD

**Paradigms:** Object Oriented Programming and Functional Programming

**Tools:** Git, GitHub, Postman, Babel ,Visual Studio, StarUML, Webpack

**Platforms:** Windows, CMD

**EXPERIENCE:**

**PROJECTS:**

**01/2019-PRESENT**

Personal projects have been working with:

**Ecommerce web application:**

* Full electronic ecommerce application that uses api-playground REST-API
* displays in concise categories and easy to use responsive user interface. ( <https://digitalflix.herokuapp.com/>).

**Technologies used:**

* **React Hooks, Redux, REST-API , NodeJS, Express, Mongodb, HTML,CSS,OAuth**

**Realtime ChatApp:**

Simple Realtime chat app using websocket,allowing users to engage in group chats of specific domain with members of similar interest.Users must create account or use oauth to have access.

**Technologies used:**

**Vanilla Js, NodeJs & Express, Websocket, Mongodb**

**BugTracker Web app:**

* Keeps track of software bugs in development process, that records facts about known bugs in database.( Facts include the time a bug was reported, its severity, the erroneous program behavior,)
* Allows administrators to configure permissions based on status, move the bug to another status, or delete the bug.

**Technologies used:**

* **React Hooks, GraphQL, NodeJs, Express, Mongodb, React-Bootstrap, HTML,CSS,OAuth**

**Ministry OF Education 03/2016-02/2018**

**Asmara Eritrea**

**Software Engineer**

Developed, designed, and implemented both back-end and front-end aspects of software solutions

**PROJECTS:**

**Student Manipulation System:**

* Team work project which intends to strengthen Student-teacher-parent relationship, enabling students to have reference guides in addition to courses given in school ,
* Provides entertaining and brainstorming tips to students through online while they are at home,
* Give access rights to families to monitor their children and check their status while they are at home, enable teachers to simplify their work that should be done in class.

**Technologies Used:**

* Spring MVC, Hibernate ,MySQL, Eclipse, JSP, Servlets, Apache(Tomcat)

**Eritrean Red Sea Trading Corporation Branch(09)**

**Asmara, Eritrea**

Full time Database designer, Network Maintainer and Assistant Java programmer

10/2014 - 02/2016

**Financial Management System**:

* Metropolitan Area Network Client-Server application for trading branch contributes to trading operations easy to deal,
* Calculates Credit, debit and balances of the customer and operate with their banking statements,
* Generate report and receipt for the customers giving access rights to the Auditors to analyze the transactions and performing regular backup for further analysis purposes.

**Responsibilities:**

* Analyzing requirements and implementation
* Designing database using UML diagram
* Building Voucher, banking statement, Admin modules
* propose plans for enhancing to web based application
* prepare documentation and reference guides for Employees

**Technologies Used:**

* Eclipse,J2SE,JDK,Microsoft SQL Server, UML,XML

**EDUCATION:**

**Eritrean Institute of Technology(2009-2014)**

Completed Bachelor degree in Software Engineering from Eritrean Institute Of Technology Asmara-Eritrea.