

Teklay Birhane

FULL STACK WEB DEVELOPER

Passionate self-taught full-stack developer based in Ethiopia. My passion for software lies in dreaming up ideas and Making them come true with elegant interfaces. In 2022 I joined Microverse, an online school that trains students for remote Full Stack development by using pair programming, collaborative work, and real-world projects to expand my skills in web development. During this long journey, I have accomplished remarkable milestones not just in my technical skills but also in soft skills like communication, pair programming, technical writing, and problem-solving skills. I have successfully built 30+ amazing projects both collaboratively and that span across the tech stacks of HTML and CSS, Ruby, Ruby on Rails, JavaScript, React, Redux, and over 50+ coding challenges with other developers across the world. I am a passionate, lifelong learner, and I would proudly add learning to be one of my most valuable skill sets.

EXPERIENCE

PSG, South Africa, *Remote*

Full Stack Web Developer, Mar 2024 - Present

- Manage, design, implement, test, research, and maintain software applications, technical environments, and databases;
- Demonstrate deliveries; communicate gaps; define tech strategy and roadmap and manage and monitor (team members, tasks, communications, sprint plans, daily scrum, and training).
- Worked and teamed up with 3 staff members as a full stack developer.

Mekelle University, *Mekelle, Ethiopia*

Lecturer, Nov 2017 – Present, *Onsite*

- Undertaking research and community services in the areas of emerging technologies.
- Supervising undergraduate projects, ensuring that students acquire practical skills and knowledge applicable to their future careers.
- Assisted with annual Departmental Program Reviews, collaborating with faculty to assess student performance and improve educational outcomes.
- Lead to design and implement curricula that meet industry standards and address current technological advancements.

Ministry of Trade, *WUqro, Ethiopia*

Junior Project Manager, Jun 2017- Sep 2017

- Developed project documentation and subsidiary management plans.
- Prepared and submitted bids for projects.
- Provided customers with updates on progress during calls and assisted senior managers in answering questions.

VOLUNTEER

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[GitHub](#) | [LinkedIn](#)



Scan to see my portfolio

SKILLS

Front-End: JavaScript, React, Redux, jQuery, HTML5, CSS3

Back-End: Ruby, Ruby on Rails, MySQL, PostgreSQL, MongoDB

Tools & Methods: Git, GitHub, Heroku, Netlify, RSpec, Jest, TDD, Capybara, Chrome Dev Tools

Professional: Remote Collaboration, Pair-Programming, Teamwork, Mentoring. Problem-solving and Critical thinking.

PROJECTS

Online Trade Registration and License System

- It is an online trade registration license system website and deployed to the Ethiopian Ministry of Trade. It allows all businessmen to pay their taxes using the system on time without presenting physically to the trade ministry office.
- Built with: (HTML, CSS, JavaScript, and PHP)

TODO List app

- It is a single-page app that allows clients to arrange and manage their daily tasks in a good manner.
- Built with: (React and Redux)
- **View on:** [Live Preview](#)

OOP School-Library

- It is a school library app. In this initial step, I implement

MICROVERSE, *Remote*

Student Mentor, Nov 2022 - Present

- Mentored 2 junior web developers using Slack communication panel, providing technical support through code reviews.
- Proposed improvements to code organization to improve code quality and overall performance by at least 50%.
- Provided advice and tips on how to maintain motivation to maintain longevity in the program for 3+ students.

Mekelle University Main-campus Charity Club, *Onsite*

Member, Nov 201 - July 2018

- Charing tutoring programs, facilitating and coordinating fundraising events, participating in collecting aid materials from our potential donors, communicating the aim and vision of the aid organization, finding and linking with supporters and donors, providing poor children with clinic services, education materials, education, clothing and shoes, and foods.
- Taught 20 orphan students as a volunteer.

EDUCATION

MICROVERSE, Nov 2022 – July 2023

Remote Full Stack Web Development Program, Full Time([Cert](#))

- Spent 1300+ hours mastering algorithms, data structures, and full-stack development while simultaneously developing projects with Ruby, Rails, JavaScript, React, and Redux.
- Developed skills in remote pair programming using GitHub, industry-standard git-flow, and daily standups to communicate and collaborate with international remote developers.

HARAMAYA UNIVERSITY, Sep 2018 - July 2021

MSc, Information Science

- Thesis/Project: Developing an integrated knowledge-based system for early detection of eye refractive error using Data mining Techniques.

MEKELLE UNIVERSITY, Sep 2014 - July 2017

BSc, Information Science

- Thesis/Project: Online Shopping System (OSS) for Romanat Electronics Center

the classes to represent students and teachers.

- Built with: Ruby language
- **View on:** [Live Preview](#)

Car Rentals app

- Car Rentals Frontend is a React app that serves as a front end to the Car Rentals project API with the Rails app. This is an educational app for the purpose of the Final group capstone.
- Built with: Ruby on Rails and React.
- **View on:** [Live Preview](#)