

# Teklay Birhane

Full Stack Developer



## Objective

A 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.

Front-end Developer with 1 year of hands-on experience in developing and deploying mobile and web applications to boost HCI. Have a proven track record in crafting multiple highly-scalable applications using different tech stacks. A highly-skilled team player who collaborated with other developers, engineers, and software testers to deliver remarkable products within deadlines and budgets. He has a strong background in Mathematics which makes me great at problem-solving. He is currently studying Full Stack development at microverse an online school that skills up students for remote software development by using pair programming, collaborative work, and real-world projects. He has spent the last several months completely immersed in remote development, building everything from scratch using plain HTML, CSS and JavaScript to the latest frameworks like Ruby and Rails APIs.



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## Experience

Nov 2018- 2022, Mekelle, Ethiopia

### Lecturer

Mekelle University

- Leveraged prior field study experience in animated lectures to students ranging in age from primary school to post-doctorate.
- Assisted with annual Departmental Program Reviews, collaborating with faculty to assess student performance and improve educational outcomes

Jun 2017- Sep 2017, Addis Ababa, Ethiopia

### Junior Project Manager

Ethiopian Ministry of Trade

- 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

## Education

Sep 2014 - Jul 2017, Ethiopia

### Information Science

Mekelle University

- I have completed my BSc degree in Information Science.
- Graduated with a Great distinction of CGPA of 3.84.
- Thesis/Project: Online Shopping System (OSS) for Romanat Electronics Center

2019 - 2021, Ethiopia

### Information Scince

Haramaya University

- I have done my MSc. Degree in Information Science.
- Graduated with a Great distinction of CGPA of 3.77.
- Thesis: Developing an Integrated Knowledge-Based System for Early Detection of Eye Refractive Error Using Data mining Techniques.

## Skills

- Front end: JavaScript, HTML5, CSS3, ReactJs
- Backend: PHP
- DataBase: MySQL, MongoDB
- Numerical: Statistics and Maths
- Agile methodology
- Teamwork
- Problem-Solving
- Lecturer

## Projects

- Leaderboard
- Awesome Book store
- OTRLS
- Capstorne

## Honors & Awards

- Microverse HTML/CSS module
- Data Analysis with Python
- Intermediate Machine Learning.
- Frontend Fundamentals

## Publications

- Birhane, Teklay & Hailu, Birhanu. (2019). Design and Implementation of IR System for Tigrigna Textual Documents. IJMECS, 11, 31-38. 10.5815/ijmecs.2019.11.0
- Predicting the Behavior of Blood Donors in National Blood Bank of Ethiopia Using Data Mining Techniques, (IJIEEB), Vol.13, No.3, pp. 39-48, 2021 DOI: 10.5815/ijieeb.2021.03.05.
- An Integrated KnowledgeBased System for Early Detection of Eye Refractive Error Using Data Mining. SINET: Ethiopian Journal of Science, 44(2): 223233, 2021. DOI: <https://dx.doi.org/10.4314/sinet.v44i2.9>.

## Languages

- English  
Advanced
- Tigrinya  
Native
- Amharic  
Advanced