

Mulugeta Siyoum Molla

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Full-stack Web Developer || Freelancer ||
Natural Resource Economist and Analyst ||

13330 32nd Av S, Tukwila, WA
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I am a Junior Full Stack Web Developer with strong analytical skills and experience in front-end and back-end development. Extensive background in research, data analysis, and ecological modeling. Currently transitioning from a successful career in natural resource management into full-stack web development. Experienced with HTML, CSS, JavaScript, React, Node.js, and MySQL.

CORE SKILLS AND TOOLS

- Front-End: HTML, CSS, JavaScript, React, Bootstrap
- Back-End: Node.js, Express.js, MySQL, MongoDB
- Tools: Git, Visual Studio Code, PowerBI
- Programming: Python, R, SQL
- GIS: ArcGIS, QGIS
- Frameworks: .NET Core (learning), Angular (learning)
- Cloud Platforms: Microsoft Azure, AWS

RELEVANT WORK EXPERIENCE

Freelancer || Website Developer || Seattle, USA || December 2024 – Present

- Building scalable web applications with React, Node.js, FastAPI, MySQL/PostgreSQL, and Firebase.
- Developed Netflix and Amazon clones demonstrate responsive design, dynamic routing, and Firebase-based user authentication.
- Created an Interactive Forum Platform enabling Q&A posting, user profiles, and role-based permissions with RESTful APIs.
- Deployed multiple apps using Render, with CI/CD workflows and production-ready codebases hosted on GitHub.
- Interactive website development (under development) || **Abyssinia Market, Seattle, WA || May 20225 – present**

European Forest Institute (EFI) || Project Consultant || April 2023 – March 2025

- Landscape fragmentation and connectivity analysis in East Africa || **October 2024 – November 2024**
- Developing mixed species plantation design for Regeneration in Kenya || **July 2024 – September 2024**
- Analysis of historical land use and cover changes in the three regions of China || **February 2024 – March 2024**

Karadeniz Technical University || Research Assistant || March 2023 – September 2023

- Integration of climate change to forest management practices using Geospatial analysis and climate modeling in Turkey
- **Skills acquired/Applied:** Ecological Modelling (MaxEnt), ArcGIS, R, Python, Optimization Techniques

EDUCATION

- **Full-Stack Application Developer Certificate** || Evangadi Tech || June 17, 2025
- **Erasmus Mundus Masters Program** || University of Lisbon, Portugal || University of Padova, Italy || Karadinez Technical University, Turkey || Sep 202021 – Sep 2023
- **MSc Natural Resource Economics and Policy** | Hawassa University | Ethiopia | Nov 2014 – Jan 2017
- **BSc in Forestry Science** || Hawassa University, Ethiopia || Sep 2007 – Jul 2010

REFERENCES

- Rediat Terefe || Instructor || Full Stack Web Developer and Web App Tester || Roorkee, Uttarakhand, India || red.terefe@gmail.com