

Mezekr Weldu

Full-stack web developer



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Frankfurt (Main), Germany



Portfolio



LinkedIn

Summary

Full-stack web developer with expertise in building responsive websites, web apps, and React Native mobile apps honed through CareerFoundry's rigorous 900+ hour program, & 2+ years of experience in data processing and machine learning. Seeks an opportunity in full-stack to tackle complex challenges, bring innovative ideas to life, and deliver tailored solutions that meet clients' needs.

Skills & Tools

Frontend

- HTML, CSS, JavaScript, Typescript
- React, Angular, Redux, Material, Bootstrap, SASS/SCSS .AJAX, JSON, jQuery
- Mobile Apps: React Native, Expo, PWA, TDD & BDD
- Testing automation with Jest, Cucumber, Puppeteer
- Docker, CI/CD
- UX/UI: User stories, User flow, Wireframes

Backend

- NodeJs & Express, Vite, webpack
- Restful API, JSON, Insomnia
- AWS lambda, Firebase, Render, Netlif
- Relational & non-relational DB: SQL, PostgreSQL, MySql and MongoDB

Data processing and visualization

- Python, Numpy, matplotlib, plotly, Scipy, Libros, Jupyter Notebook

Devtools

- Git, GitHub/GitLab, VS code, WSL, ubuntu

Education & Certificates

Certificate in Full Stack Web Development

CareerFoundry (Remote) 12.2023 - 06.2024

- 900+ hours of immersive, project-based training that prioritizes best practices, guided by an industry-leading tutor and mentor.
- Focuses on JavaScript, Typescript, HTML, CSS and frameworks/libraries including React, Angular, Nodejs, Express, MongoDB and React Native for mobile app development.
- Completed 6+ hands-on projects on the web technologies stack, resulting in the development of interactive and responsive web apps and implementing appealing to UX/UI.

M.S. in Applied Computer Science

TU Bergakademie Freiberg 10.2019 – 09.2022

B.S. in Computer Engineering

Eritrean Institute of Technology, Mai-Nefhi | 09.2008 – 07.2013

Language

- German (C1)
- English

Selected Web Development Projects

MeziFlix-app (Back-end)

01.2024 - 02.2024

Server-side app business logic for storing and managing movies & users data

- Provides a RESTful API developed with Node.js, Express, MongoDB and integrates JWT and Passport for authentication
- Conducted comprehensive API tests with Insomnia
- **Tech-Stack:** JavaScript, React, Angular, Nodejs, Express, MongoDB, Bootstrap, Material, Git, GitHub, REST-API, Docker

[API Code](#)

MeziFlix-client (Front-end)

02.2024 - 03.2024

Movies Hub app that enables users to create an account, access movie information, add/remove movies to favorites, and edit/delete their account

- React responsive single page application (frontend client to MeziFlix backend app)
- Developed using React and styled using bootstrap and sass
- **Tech-Stack:** JavaScript, React, Angular, Nodejs, Express, MongoDB, Bootstrap, Material, Git, GitHub, REST-API, Docker

[MeziFlix-client](#)

[Code](#)

Mezimeet App

03.2023 - 04.2024

Progressive Web App enables users to discover events in cities globally, showing event details and offering filtering options by city or event count.

- Development with unit testing, integration testing, acceptance testing, and end-to-end testing methodologies.
- Implemented with AWS Lambda Serverless, React, and fetches upcoming events from the Google Calendar API
- **Tech-Stack:** JavaScript, React, Angular, Nodejs, Express, MongoDB, Bootstrap, Material, Git, GitHub, REST-API, Docker

[Mezimeet](#)

[Code](#)

Previous Work

Software Developer

03.2023 - 07.2024

FERCHAU GmbH (Pulsotronic GmbH & Co.) |

- Implemented a software module for data pre-processing and statistical analysis, resulting in more accurate frequency analysis.
- **Tech-Stack:** Python, Pandas, Scipy, Librosa, Git, Gitlab, Jupyter Notebook, Plotly

Software developer in the research project DiP-IT

TU Bergakademie Freiberg

12.2020 - 06.2022

- Streamlined data retrieval by engineering a Python package to fetch open source repository data from GitHub using RestAPI, resulting in efficient data storage for analysis.
- Optimized data quality by conducting thorough data cleaning, processing, and anomaly detection, resulting in improved decision-making and enhanced business outcomes.
- Created an algorithm to address the GitHub RestAPI rate limit, improving data handling and fetching time.
- **Tech-Stack:** Python, Pandas, Git, GitHub, GitHub REST-API, Jupyter Notebook