



Mezigebu Zework

FULL STACK DEVELOPER

Details

Addis Ababa

Ethiopia

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Links

[Personal Website](#)

[LinkedIn](#)

Skills

React

Nest.Js

Testing (Unit & E2E)

GitHub Actions

Kubernetes

Java

C++

C#

Verilog

Profile

Seasoned Software Engineer with over six years of experience in full-stack web development, complemented by a strong foundation in computer and electrical engineering. Currently working with Node.js and Javascript technologies, with expertise in building, testing and deploying scalable web applications and complex integrations (such as PLM plugins for Onshape CAD and Altium 365).

Employment History

Full Stack Developer, Duro, Los Angeles, California, United States

JUN 2021 – NOV 2025

- Spearheaded development for V2 PLM integration with Onshape CAD, leveraging NestJS, GraphQL, and PostgreSQL for the backend, and using React and React Query with Ant Design for the frontend.
- Key contributor to PLM integration for Altium 365 PCB design software, developed backend solutions with NestJS and PostgreSQL.
- Lead full-stack developer for V1 PLM integration with Onshape CAD, using React with Material-UI for the frontend, and Node.js with GraphQL and MongoDB for the backend.
- Developed an admin web portal using React and GraphQL, improving user experience and operational efficiency.
- Managed Kubernetes and github actions deployment and CI/CD scripts for automated service deployment and testing across multiple environments.

Full Stack Engineer, Upwork, Los Angeles

JAN 2019 – MAY 2021

- Developed and deployed scalable web applications for clients using React, Node.js, and MongoDB.
- Managed end-to-end project lifecycles, ensuring client satisfaction and timely delivery across diverse industries.
- Implemented comprehensive testing suites, including unit, integration, and end-to-end tests.

Software Engineering Intern, Addis Ababa Institute of Technology, Addis Ababa

JAN 2018 – DEC 2018

- Lead contributor (leveraging React and Three.js) for a 3D web app that was used in digital logic course to allow students to build a basic computer from first principles (from NAND gates all the way to a high level programming language), inspired by the Nand2Tetris project (<https://www.nand2tetris.org/>).

Education

Software Engineering, Addis Ababa University

JAN 2015 – JAN 2020

Computer Engineering, Bucknell University

AUG 2008 – MAY 2012