

EYUEL GEBRESELASSIE

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CAREER SUMMARY

Versatile and driven engineer with a strong foundation in software development, data engineering, and machine learning. Skilled in designing scalable systems, developing data-driven solutions, and building predictive models to solve complex challenges. With expertise spanning modern programming frameworks, data analysis, and AI technologies, I thrive in creating innovative solutions that enhance efficiency and enable informed decision-making. Passionate about leveraging technology to drive impactful results across diverse domains.

SKILLS & AREAS OF EXPERTISE

Programming Languages: JavaScript (ES6), Python, Java, Typescript, HTML, CSS/SASS, SQL.

Libraries/Frameworks: React, Redux, Tailwind, Next.js, Express.js, Springboot, Scikit-learn, Pandas, NumPy.

Tools & Platforms: Figma, Docker, Vercel, Heroku, Git/Github, QlikSense, JIRA, Firebase.

Expanding Expertise In: AWS, Databricks, PySpark, Swift, R, TensorFlow, PyTorch.

PROFESSIONAL EXPERIENCE

MERCK & CO., INC.

West-Point, PA

Data Engineer

June 2024 – Present

- **Developed the GCS Region Inflect Tool**, an advanced workflow automation application that streamlined the setup of new clinical trials, automating **70%** of manual workflows and enhancing predictive analytics.
- Revamped the Clinical Intake process within the Comparator Library, utilizing **Power Apps** for intake management, Dataverse for **data storage**, **Power Automate** to streamline workflows, and **Qlik** for reporting intakes. This overhaul reduced processing time by **65%** and improved clinical trials.
- **Engineered comprehensive Qlik reporting solutions** for sales order data and critical operational metrics, transforming raw data into actionable insights that empowered the GCS division to enhance decision-making, drive strategic initiatives, and optimize global operations.

ABEYZA TECHNOLOGY CONSULTING SOLUTION

Stone Mountain, GA

Software Engineer

Sept. 2021 - Dec. 2023

- Designed and delivered end-to-end web solutions for a diverse portfolio of small businesses, nonprofits, and community organizations, **increasing online engagement** by up to **40%** across multiple client platforms.
- Modernized legacy systems by transitioning to containerized microservices with **Docker** and **Kubernetes**, integrating **RESTful APIs** to enable seamless data exchange and improve performance by **25%**.
- Developed custom front-end experiences with **Next.js**, **React**, and **TypeScript**, integrating **user authentication**, **payment gateways**, and **community forums**, boosting client satisfaction by **35%**.

FIDEL LABS

Remote

Frontend Engineer Intern

Jan. 2021 - July 2021

- Built an open-source **Learning Management System (LMS)** with scalable features to improve accessibility and support diverse educational needs.
- Developed custom online courses using **Articulate 360**, enhancing interactivity and engagement, which increased completion rates by **20%**.
- Designed interactive websites with **Figma** prototypes and **3D** elements using **Spline**, enhancing user engagement.

EDUCATION & TRAINING

YEAR UP UNITED / WILMINGTON UNIVERSITY

Wilmington, DE

Application development (Computer Science)

Jan. 2025

Relevant Coursework: Object-Oriented Programming · Web Development · Backend Development · Frontend Frameworks · Python Programming · Database Management · Data Structures & Algorithms

LICENSES & CERTIFICATIONS

SCRUM.ORG - Professional scrum master™ | PSM I

Sept. 2024

Eligible to work in the U.S. with no restrictions | Willing to Relocate