EYUEL GEBRESELASSIE

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CAREER SUMMARY

Versatile and driven engineer with a strong foundation in software development, backend engineering, and machine learning. Skilled in designing scalable systems, building cloud-based microservices, and developing data-driven solutions to solve complex challenges. Experienced with modern frameworks like Java Spring Boot, React, Python, and AWS, with a proven ability to deliver high-impact tools in cross-functional environments. Passionate about applying AI and emerging technologies to drive innovation, enhance efficiency, and support strategic decision-making.

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 / Software Engineer *June 2024 – May 2025*

- Developed the GCS Region Inflect Tool, a full-stack workflow application that streamlined the setup of new clinical trials using **React**, **Java Spring Boot**, and **AWS Lambda** , automating **70%** of manual workflows and enhancing predictive analytics.
- Implemented **Python**-based data pipelines to automate clinical logistics workflows, integrating **AWS S3**, **SQL databases**, and **internal APIs** while supporting **Qlik** dashboards to enhance data accessibility, system performance, and cross-team reporting — reducing manual processing time by **~65%.**
- Contributed to microservices adoption across teams by reinforcing shared backend standards using **Java Spring Boot,** streamlining deployments with **CI/CD** pipelines and **Git**, and collaborating with engineers to align service architecture.
- Supported cross-functional teams—including clinical, logistics, and business units by translating needs into effective solutions, showcasing strong **communication**, **collaboration**, and **adaptability**.

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) *Completed - 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*
AWS - *Certified Cloud Practitioner* ***In Progress***