

EYUEL GEBRESELASSIE

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EDUCATION

Application Development

Year Up United

- Completed an intensive program focused on ML/AI frameworks, Java programming, and backend development..

Bachelor of Science

Computer Science

Wilmington University

- Completed foundational coursework in Data Structures, Algorithms, and backend development.

SKILLS

- **Programming Languages:** JavaScript (ES6), Python, Java, Typescript, HTML, CSS/SASS, SQL
- **Libraries/Frameworks:** React, Redux, Tailwind, Next.js, TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy
- **Tools & Platforms:** Git/Github, QlikSense, JIRA, Figma, Docker, Firebase, MS Power Platforms
- **Expanding Expertise In:** AWS, Databricks, PySpark, Swift, R.

CERTIFICATIONS

- Professional Scrum Master™ I (PSM I)
- McGraw Hill: Excel Yellow Belt

ABOUT ME

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.

WORK EXPERIENCE

Data engineer

MERCK & CO., INC.

📅 Jun 2024 - current

- **Collaborated with cross-functional teams** to conduct advanced data analysis in **Qlik**, enabling data-driven decisions and increasing report usage by 35% across the organization.
- **Designed and deployed the GCS Region Inflect Tool**, automating workflows to cut manual processes by 70% and improving predictive analytics for greater operational efficiency.
- **Developed and implemented ThoughtSpot solutions**, empowering self-service analytics through ad-hoc queries and real-time insights, streamlining collaboration for cross-functional teams.

Software Engineer

ABEYZA TECHNOLOGY CONSULTING SOLUTION

📅 Sep 2021 - Dec 2022

- **Developed and maintained microservices-based architectures**, integrating RESTful APIs with data analytics pipelines for real-time insights—leading to a 35% reduction in data processing time.
- **Modernized legacy systems by transitioning to containerized microservices**, boosting performance by 25% and reducing operational costs by 15%. Guided cross-functional teams in aligning roadmaps with user needs, delivering software 20% faster.
- **Collaborated with product owners, QA, and solution architects** to build interactive web applications, adhering to Scrum principles for rapid iteration and high-quality deliverables.

Software Engineer Intern

FIDEL LABS

📅 Jan 2021 - Jun 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 Python scripts that automated workflows, reducing manual effort by 40% and accelerating data analysis processes by 30%.