ABRHAM KEBEDE

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LinkedIn | Website | GitHub

PROFESSIONAL SUMMARY

I am a passionate and results-driven data scientist with a strong foundation in software engineering and a focus on leveraging data to solve real world problems. With expertise in Python, machine learning, and data analysis, I thrive on transforming raw data into actionable insights.

EDUCATION

MSc in Data Science

National University of Science and Technology   Sept 2023 - June 2025

BSc in Software Engineering

Addis Ababa Science and Technology University   Sep 2017 - Sep 2021

EXPERIENCE

Gobez Technologies P.L.C   Feb 2023 - Mar 2024

Software Developer

- Led the ideation and development of Haleta, an AI-powered language learning app, managing product lifecycle from feature design, logo creation, and target audience definition to content preparation, achieving 10000 downloads across iOS and Android platforms.
- Designed and implemented data pipelines using AWS S3 to store and access audio files, reducing content retrieval latency by 30% and enabling scalable pronunciation practice features.
- Integrated Microsoft Azure Speech-to-Text API for real-time transcription, enhancing pronunciation accuracy for 80% of users through AI-driven feedback.
- Managed social media marketing campaigns, leveraging data-driven insights to target 10,000+ potential users

TAF OIL ETHIOPIA   April 2022 - Jan 2023

ICT Technician

- Designed and developed a procurement management system from scratch using PHP, MySQL, HTML, CSS, and JavaScript, implementing MVC architecture to streamline purchase request and approval workflows, projected to save 10 hours of company time weekly upon completion.
- Built secure employee authorization and authentication modules with MySQL and JSON Web Tokens (JWT), ensuring robust access control for over 250 users.
- Managed version control and collaboration using GitHub, maintaining clean codebases and documentation for system development.
- Conducted data analysis on procurement data using MySQL queries to optimize inventory tracking, reducing processing errors by 12%.
- Provided technical support for 250+ employees, including network configuration, computer setup, and software installation, ensuring operational efficiency across the organization.

PROJECT

Coffee Yield Prediction Using Remote Sensing and Machine Learning • Hosted on Hugging Face Spaces, Documented on GitHub

Freelance Job Market Analysis • Published curated dataset on Kaggle, enhancing community access to market insights.

Procurement Management System • TAF Oil Ethiopia & Personal

CERTIFICATION

Duolingo English Test • Link   March 2025
Cloud computing   March 2024
AWS Certified Cloud Practitioner • Link   October 2023

SKILLS

Programming Languages: Python, SQL, C++, JavaScript, TypeScript
Data Science & Machine Learning: Pandas, NumPy, Matplotlib, scikit-learn, TensorFlow, PyTorch
Databases: MongoDB, PostgreSQL, MySQL
Cloud & Big Data: AWS Cloud, Google Cloud Services
DevOps & Tools: GitHub, Docker, Linux
Web Development: React, Node.js, Next.js, HTML5, CSS3
Mobile Development: Flutter