BINIYAM TEZERA TUFA
WEB DEV│ CIVIL ENGINEER

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PROFESSIONAL SUMMARY

With 8+ years of experience in Design and Project Management across the Construction, Real Estate, and Telecommunications sectors, I have built a strong foundation for delivering results and driving complex projects to success. Now, I am excited to transition into Cloud Computing, where I can combine my self-taught Web Development and AWS expertise with my interdisciplinary background to create innovative technology solutions.

Continuous learning and problem-solving follow my plan to pursue a career in Tech, where I aim to contribute to cutting-edge advancements and make a meaningful impact in Ethiopia and Africa.

WORK EXPERIENCE

Telecom Constructions Coordinator │ 2020-2023
ethio telecom
- Managed telecom construction projects, optimizing scheduling, resources, and subcontractor coordination for timely, cost-effective delivery.
- Delivered 31 telecom towers (25–40m) in 2.5 years, ensuring consistent monthly completions through efficient execution.

Construction Engineer/ Coordinator │ 2014-2019
TT Building Contractors PLC
- Produced 50+ shop and as-built drawings for two G+7 residential apartments and ensured construction compliance with technical designs.
- Supervised subcontractors and labor crews, set daily targets, and facilitated communication through 100s of site reports and paperwork.

EDUCATION

Hawassa University │ 2010-2014
Bachelor of Science in Civil Engineering

CERTIFICATIONS

AWS Solutions Architect Associate │ 2024
ALX, Amazon Web Services

Introduction to Computer Science │ 2023
CS50, Harvard University

Financial Modeling & Valuation Analysis │ 2023
Corporate Financial Institute

SKILLS

Soft Skills
- Project Management
- Leadership & Team Coordination
- Communication & Liaison
- Attention to Detail
- Analytical Problem Solving
- Technical Writing

Digital Skills
- Git, Python, Flask, RESTAPI
- Figma, HTML, CSS, JavaScript, SQL, Redis
- Web Scraping (BeautifulSoup4)
- Pandas, NumPy, Excel, Tableau
- AWS EC2, S3, RDS, CloudWatch, IAM
- NLP, ML, Using Transformers

PROJECTS

Amharic Connections
📅 Personal Project │ amharicconnnections.com │ 2024

Lightweight clone of the popular New York Times game - Connections. A word puzzle in Amharic, an Ethiopian language, where players visit the site daily for new puzzles.

- Flask app with Redis session data handling
- Deployed on AWS EC2 server.
- Find the repository at: github.com/BiniyamTT/amharic_connections

Clean Rentals
📅 CS50 Final Project │ rentals.cleandataservices.com │ 2023

Is a B2B subscription web app designed to connect heavy equipment lessors and lessees. Users can register, search, browse, and book equipment, integrated with SMS notifications for various actions.

- Uses Flask web framework, SQLite database with hahu.io SMS Gateway API.
- Deployed on AWS EC2 with CI/CD pipeline with GitHub Actions.
- Find the repository at github.com/BiniyamTT/hfr

Capital Newspaper Sentiment Analysis
📅 Freelance Project │ 2023

Capital business news from 2017-2023 was collected and analyzed using pre-trained NLP Transformer models from the Hugging Face website. A subsequent writeup was then done to discuss the results for the client.

- Web-scrapped the site using BeautifulSoup4, and compiled 2300+ articles into a CSV.
- Uses the ProsusAI/finbert and VADER NLP ML models to tokenize and perform the SA
- Results collected, positive and negative word clouds were then generated to aid the writeup.
- Find my write-up at: bit.ly/CAPSAW
- Find the repository at: github.com/BiniyamTT/capital_SA

Ethiopian Coffee Price Visualizations
📅 BIDA Project │ View Tableau Dashboard │ 2022

A Tableau Dashboard prepared to visualize coffee price trends from 2020 to 2022. Time-series data from the Ethiopian Commodities Exchange(ECX) was used.

- Used Python data libraries pandas and NumPy for ETL to compile 17K+ records in 14 columns.
- Advanced LOD calculations and filters were used to slice data in date, location, category etc.
- Shows price movements in candlestick charts, volumes in bar charts, and trends in Bollinger bands
- Dashboard link for print versions of this CV: bit.ly/ECXDASH