Henock Beyene Tesfatsion

Nairobi, Kenya
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Experienced and enthusiastic Software Developer with 5+ years of experience and a passion for designing scalable systems, resolving intricate challenges, and crafting efficient code.

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https://github.com/Henoker
https://henoker-website.vercel.app

Recent Projects

- **EPMS** is an end-to-end translation project's management tool. It helps to manage and automate translation and localization workflows with ease. The app provides project, vendor, and client management capability, It Generates PDF Invoices, Purchase Orders, and quotations. **Technologies**: *Docker, Python Django, HTML, CSS, JavaScript, Nginx Server, Gunicorn, jQuery. Database: PostgreSQL*. GitHub
- **Ethiostar America Landing Page and Automatic quote app:** It is a landing page for my client's Ethiostar America with automatic price quote generation ability. Technologies: Next JS, Google app Engine. **LIVE DEMO**
- **Ephie Cuisine Restaurant** is a restaurant landing page which I developed for a client in the US. Technologies: Next JS, Google app Engine. **LIVE DEMO**
- **E-commerce Auction site** is an eBay-like e-commerce auction site that will allow users to post auction listings, place bids on listings, comment on those listings, and add listings to a "watchlist." Technologies: Backend Python Django and Frontend HTML and CSS. Database: SQLite. Github

Work Experience

Project Manager	Ethiostar Translation & Localization PLC	Sep 2017–Present
Software Developer	Nairobi, Kenya	

- Automated workflow using a Django project, resulting in faster customer request processing.
- Implemented the EPMS platform for project-related record keeping, reducing project management
- costs.
- Simplified task assignment and ensured quality standards using the EPMS platform's vendor rating
- system.
- Streamlined translator finding and assignment through the EPMS vendor/translator management
- system.
- Implemented a cloud-based translation project management system for faster request processing.
- Built quality assurance and data protection processes.
- Streamlined payout calculations, tax compliance, and invoice generation using the EPMS system.
- Enhanced financial efficiency through reliable invoice and purchase order generation.
- Established a reliable workflow with CRUD functionality to minimize human errors.
- Monitored KPIs and IT budgets to assess technological performance.
- Capitalized on stakeholders' feedback to advise on necessary improvements and adjustments.
- Communicated tech strategy to partners and investors.
- Maintained a consumer-focused outlook, centrally on delivering IT projects to market.
- Made executive decisions on behalf of the company's technological requirements.
- Worked with project managers, developers, quality assurance, designers, and clients to design and
- develop robust solutions to meet client requirements for functionality, scalability, and performance.
- Contributed to optimization and enhancement of overall software.
- Worked with software development and with testing team members to design and develop robust
- solutions to meet client requirements for functionality, scalability, and performance.
- Fixed live bugs.
- Developed new customized features for clients.
- Managed customer requests, calculated word counts, and prepared quotes for translation projects.
- Designed and developed software using programming languages and development of modern
- operating systems.
- Established a reliable workflow with CRUD functionality to minimize human errors.

- Prepared projects for translation, assigned tasks to translators/vendors, and monitored task statuses.
- Provided context-specific discussions, real-time progress updates, and timely notifications to
- enhance communication during the translation process.
- Transformed quality assurance into a proactive, data-driven process with historical performance data.
- Assigned editors early to identify and resolve translation quality issues promptly.
- Streamlined payout calculations, tax compliance, and invoice generation using the EPMS system.
- Enhanced financial efficiency through reliable invoice and purchase order generation.
- Improved project preparation, translator selection, progress tracking, and quality assurance.
- Streamlined payment management system for accurate calculations and reduced errors.
- On behalf of Ethistar, Managed software, website localization and machine learning project's of Alphabet's Google Translation , Microsoft, Samsung, Amazon, LG Electronics and Huawei. .

Corporate Credit Analyst   Commercial Bank of Ethiopia   2013–2017
Director of Credit Appraisal office   Addis Ababa, Ethiopia

- Credit Analyst, Commercial Bank of Ethiopia, Addis Ababa, Ethiopia Analyzed and recommended credit risk mitigation mechanisms for approval over 103 white field projects and corporate loans.
- As a member of one of the five strategy formulation team members of the bank crafted the lending strategy of the bank by cascading the corporate scorecard of the bank in credit process through: development of methodology and objectives of lending strategy; undertaking comprehensive internal and external environment analysis using strategy formulation tools such as PESTEL, SPACE, GE Matrix, Porter's Five Model of competition, Benchmarking of east Asian banking experience; Resource based view approach of internal environment analysis; developing SWOT and TOWS matrix to identify strategy issues; aligning lending and corporate scorecard themes; Formulating lending strategy objectives; formulation of the financial, customer, internal process and lending & growth perspective along with the tactical strategies; developing performance measure by employing scorecard data dictionary; Identifying strategy initiatives.
- As a member of the process improvement team revised and updated the risk grading model of the bank according to the best international context.
- Gained a broad spectrum of attachments in customer accounts and transaction system and credit management operation of the bank.
- Received an all rounded on the job and off the job trainings in areas such as customer accounts transaction systems, credit management, credit risk grading and appraisal, trade services, strategic planning, change management, risk and compliance management, ethics and anticorruption, bank accounting, anti-money laundering, leadership skills, Human resource practice etc.
- Practically involved in the operational processes behind bank-wide functions. Demonstrated excellent training acumen by providing company specific training on deposit mobilization strategy of the bank in Selassie Branch.
- Participated in an awareness creation program on minor and youth account products of the bank as demonstrator in Kokebe Tsibah Secondary School and Misrak Chora (Beata School).
- Active member of Selassie branch deposit mobilization team to chart out deposit mobilization action plan of the bank.
- Conducted a research project entitled The application of logistic Regression, decision trees, and neural network models in credit risk grading activity of Commercial Bank of Ethiopia and the research validates the current risk grading model of the bank.

Assistance Lecturer   St Mary's University   2005–2013
Business Faculty   Addis Ababa, Ethiopia

- Taught and inspired over 3000 Degree and Diploma Regular and Extension division Students in Entrepreneurship, Business Communication, Introduction to Management, Customs and Bank Clearing Operations, Managing Lower Level Purchasing and Marketing Activities, Business Growth Strategies, Small Business Management, Sales Clerical and Record Keeping, Know about Business.
- Organized and participated in workshops, seminars, and panel discussions on various topics mainly Entrepreneurship, Appreciative Enquiry, Advertising in Ethiopia.

Education and Certifications

- **M.A. Human Resource & Organizational Development,** Addis Ababa University, Ethiopia.   **2009–2011**
- **B.A. Business Management,** Jimma University, Ethiopia.   **2000–2004**

Certifications and Courses

- **CS50W: CS50's Web Programming with Python and JavaScript - Harvard University EDX Program:** Courses HTML, CSS, Python Django, Javascript, Git, SQL Models, and Migrations, User Interfaces, CI/CD, Testing, Scalability, and Security. (2022)
- **John Hopkins University** - HTML, CSS and JavaScript (2022)
- **Jira Fundamental Badge** - Athlessian University. (2022)
- **Introduction To Front-End Developmen**t - Meta (Formerly known as Facebook) (2023)
- **React Basics** - Meta ((Formerly known as Facebook) (2023)

Interests

- Contributing to Open Source projects.