NEGASI HAILE ABADI

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PROFILE

A software engineer with four years of experience developing enterprise-level full-stack applications primarily digital healthcare solutions, processing complex data, building data-driven decision-support systems, and implementing business automation AI solutions.

Skills: Python, JavaScript, TypeScript, C#, HTML, SQL, .NET, NodeJS, ReactJS, ChartJS, CSS, MySQL, PostgreSQL, MongoDB, PyTorch, Pandas, NumPy, Matplotlib, AWS, Google Cloud Storage, CI/CD, Docker, Git, JIRA.

WORK EXPERIENCE

Freelance | Upwork   **Jun 2022 – Feb 2025**
Full-Stack Developer   *Remote/Full-time*
- Maintained TOP-Rated Freelancer badge, achieved a 100% Job Success Score, and received 99% positive feedback.
- Processed and standardized patient's Continuous Glucose Monitoring (CGM) data
- Implemented the Ambulatory Glucose Profile (AGP) report for Continuous Glucose Monitoring data visualization.
- Built a diabetes intervention system and integrated the AGP charts to help clinicians make decisions during patient study and regimen analysis.
- Converted an advanced international supply chain and shipment logistics web Figma design into a Next.js application and integrated a customer support AI chatbot developed with Azure Power Virtual Agents.
- Implemented a healthcare data server management system UI with React and Tailwind CSS.

Lesan AI   **Apr 2022 – Dec 2024**
Data Scientist   *Berlin, Germany/Remote/part-time*
- Led Afro Chest-X-ray data science team, a research project that targeted 50,000 X-ray images with their reports.
- Cleaning, formatting, processing, and auditing the data acquisition pipeline of medical images, designing x-ray images annotation tool, and building a baseline ML.
- Analyze Lesan AI's translation outputs in the domains of arts and culture, technology, business and economics, health, and patient discharge prescription and provide feedback to improve the system.

HorizontechICT Solution   **Jun 2021 – Jan 2023**
Software Developer   *Addis Ababa, Ethiopia/On-site/full-time*
- Developed a POS machine import company, featuring nine distinct role types, to track machine sales, fiscalization, and annual maintenance.
- Migrated an existing SQL database to a NoSQL database (MongoDB).
- Designed database and component architecture, created API documentation, conducted code reviews, prepared application maintenance guidelines, and worked closely with company clients.
- Developed a single NodeJS backend application for an e-commerce platform, servicing mobile, web, and admin panel applications.

Awura PLC   **Feb 2022 – May 2022**
Frontend Engineer   *Addis Ababa, Ethiopia/Hybrid/part-time*
- Converted a Figma design of a localization system into a React application using Ant-Design and integrated local payment methods.
- Implemented an NPM package that localizes all Ethiopian Languages.

EDUCATION

Mekelle University: Ethiopian Institution of Technology-Mekelle (EIT-M)   **Oct 2017 – Dec 2020**
Bachelor of Degree in Information Systems   *Mekelle, Ethiopia*
- CGPA: 3.81
- Courses: Object Oriented Programming, Data Structure & Algorithm, Discrete Mathematics, Database Systems, Introduction to AI, Data Mining and Warehousing, and System Analysis and Design.