

# NEGASI HAILE ABADI

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## PROFILE

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A software engineer with four years of experience developing enterprise-level full-stack digital 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

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### 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

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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.