

Abreham Nigus

Addis Abeba

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<https://github.com/nbeany>

Technical Skills

- **Frontend Development:**
 - HTML5, CSS3, JavaScript (ES6+), React, Bootstrap
 - Responsive Design & Cross-Browser Compatibility
- **Backend Integration:**
 - RESTful APIs, Node.js
- **Tools:**
 - Git, VS Code, Figma, PyCharm
- **Database & APIs:**
 - MySQL, PostgreSQL, HDFS, APACHE DRUID

Education

Bachelor of software Engineering (B.Eng.), Year 2 | *Addis Ababa University* | Ethiopia

- Relevant Coursework: Frontend Development, Backend Development, Web Application Design, bigdata processing

Professional Projects

Big Data processing for fraud detection

The Big Data Processing for Fraud Detection project focuses on analyzing cryptocurrency transaction data for machine learning-based fraud detection. It utilizes Apache Kafka for real-time data streaming, Apache Spark for batch processing and feature extraction, and HDFS for storing both raw and processed data. The system is designed to handle large-scale cryptocurrency transactions, enabling efficient data processing for training and deploying machine learning models. By leveraging big data technologies, this project aims to identify fraudulent patterns, enhance fraud detection accuracy, and provide a scalable framework for analyzing crypto-related financial risks

Tech Stack: Python with big data tools like Kafka, Spark, and HDFS

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Hotel Booking Website

Overview: Developed a modern and responsive website for a hotel booking system.

- **Tech Stack:** HTML, CSS, JavaScript
 - Created a user-friendly interface to manage room bookings, availability, and customer details.
 - Optimized the website for performance and cross-browser compatibility.
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Apple Stock Market Data Dashboard

Overview: Built a web-based dashboard to visualize **historical and real-time stock market data**.

- **Tech Stack:** React, Python, Power BI
 - Designed an interactive **frontend dashboard** with dynamic charts for visualizing financial data.
 - Incorporated RESTful APIs to fetch and display stock market trends in real time.
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Bitcoin Real-Time Dashboard

Overview: Developed a **real-time visualization platform** for Bitcoin trading and analytics.

- **Tech Stack:** React, Kafka, Python, PostgreSQL, Grafana
 - Designed and implemented an interactive **candlestick chart** and **live transaction dashboard**.
 - Utilized Django to create a custom API for data retrieval and seamless integration.
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Certifications

- Frontend Development Training | INSA, Ethiopia
 - Data Science Training | INSA, Ethiopia
 - bunna script training | kekros, USA
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Key Strengths

- Expertise in **React and frontend technologies** to build scalable, responsive web applications.
- Strong problem-solving and debugging skills with attention to detail.
- Ability to collaborate with cross-functional teams to deliver high-quality results.
- Passionate about learning new tools and frameworks to enhance web development skills.