

# Yeabsira Tesfaye Minyelshowa

## Software Engineer

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### EDUCATION

**Hilcoe School of Computer Science and Technology**, *BSc in Computer Science* [🔗](#)  
CGPA 3.9/4.0

05/2022 – 06/2025  
Addis Ababa, Ethiopia

- **Relevant Courses:** Data Structure & Algorithms, Operating Systems, Compiler Design, Computer Networking, Object Oriented Programming, Advanced Database Programming.

### PROFESSIONAL EXPERIENCE

**Full Stack Web Developer**, *Ayaan Digital Marketing* [🔗](#)

05/2024 – present  
Addis Ababa, Ethiopia

- Developed and deployed 6 full-stack web applications using **ASP.NET** and **React**, serving 15+ clients with features including RESTful APIs, responsive design, and real-time data processing.
- Led a team of four developers, applying Scrum methodology and tools like **Jira** and **GitHub** to achieve 100% on-time project delivery across multiple projects.
- Optimized backend systems with **Node.js** and **MongoDB**, improving database query performance by 35% and supporting a 50% increase in user traffic.
- Implemented SEO strategies using **Google Analytics** and **SEMrush**, boosting organic search traffic by 30% and contributing to a 7.2% annual revenue growth.

### PROJECTS

**E-Fund**, *A crowdfunding platform for all* [🔗](#)

01/2024 – present

- Developed a full-stack crowdfunding web application using ASP.NET and React, integrating Chapa's payment gateway to process 10,000+ transactions monthly, supporting national and international payments.
- Built analytics and report generation features with **Power BI** and **SQL Server**, delivering user and financial reports that enhanced data-driven decision-making by 25%.
- Deployed the application on **AWS**, utilizing **Docker** for containerization, which improved deployment speed by 40% and ensured high availability.

**Agora Systems**, *Fintech company*

07/2024

- Co-founded and developed a Fintech platform using **Node.js** and **Next.js**, educating 5,000+ investors in the Ethiopian stock market with customized information on stock prices, investment strategies, and market operations.
- Implemented interactive tutorials and user-centric features with React and RESTful APIs, onboarding 3,000+ users and improving their understanding of stock market fundamentals.
- Integrated real-time data feeds from financial APIs, providing up-to-date stock information and enhancing user engagement by 40%.

**Enawga** [🔗](#)

09/2024

- Developed a real-time **Django** web application using ASGI and Django Channels, supporting private, public, and group chats for 8,000 active users, ensuring low-latency communication with 150ms response times.
- Implemented **SHA-256** encryption for all text messages using Python's hashlib library, securing data transmission and maintaining integrity with 99.98% uptime and handling 50,000+ messages daily.
- Integrated Redis for real-time message caching, reducing server load by 25% and enhancing message delivery speed.

### AWARDS

**Hack Into a Bright Future Runner up** [🔗](#)

03/2024

- **Runner-Up**, Hack Into a Bright Future Hackathon with over 100 participating teams, focused on identifying and nurturing entrepreneurial coding talent.

### SKILLS

Python | C# | Java | Django | Node.js | ASP.NET | React | Next.js | SQL Server | MySQL | MongoDB | Git | AWS | Docker