

# Lidya Getachew

Full Stack Software Developer

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<https://github.com/LidyaGetachew>

## Professional Summary

Results-driven Full Stack Developer with 4+ years of experience designing, developing, and deploying robust web and mobile applications. Proficient in both front-end and back-end technologies, including the MERN stack (MongoDB, Express.js, React, Node.js) and the .NET ecosystem (ASP.NET Core, C#, SQL Server). Proven ability to lead projects from concept to launch, with a strong focus on scalable architecture, performance optimization, and user-centric design. Adept at working in agile environments to deliver high-quality software solutions.

## Work Experience

**Full Stack Software Developer** | Ashewa Technology Solutions S.C. | 2025 – Present

- Develop and maintain scalable full-stack applications using modern frameworks and cloud technologies.
- Collaborate with cross-functional teams to define, design, and ship new features.

**Full Stack Software Developer** | AM And BF Trading PLC IT Solution | 2021 – 2025

- Engineered end-to-end software solutions for diverse clients, contributing to all phases of the SDLC.
- Key contributor to multiple projects, including SIS, E-commerce, and inventory management systems.

## Project Experience

**Student Information & E-Research System** | ASP.NET Core, React, SQL Server, Docker, Nginx

- Designed and implemented a three-tier application to streamline student data and research collaboration.
- Utilized Docker for containerization and Nginx for load balancing, significantly improving application load times and large file handling capabilities.
- Built a React front-end and ASP.NET Core API back-end, ensuring a seamless and responsive user experience.

## Technical Skills

- Languages: JavaScript, TypeScript, C#, Java, Dart, SQL, HTML5, CSS3
- Frontend: React, Next.js, Redux, Material-UI
- Backend: C#, ASP.NET Core, Web API, RESTful APIs, Entity Framework Core, Node.js, Express.js, Web API, RESTful APIs,
- Databases: Microsoft SQL Server, MongoDB, Entity Framework Core
- Mobile & Cross-Platform: Flutter, Native Android (Java/Kotlin),
- DevOps & Tools: Docker, Nginx, Git, Firebase (Auth, Firestore, Analytics, Crashlytics), Linux System Administration
- Architecture: Three-Tier Architecture, Microservices, Clean Architecture

## Certifications

- Introduction to ASP.NET
- Getting Started with ReactJS Components
- Linux Basics
- PC Maintenance and Troubleshooting

### **Stock Management System** | React, .NET, SQL Server

- A full-featured inventory management system that streamlines stock tracking and processing. It supports Proforma preparation, consignor requests, project requests, warehouse requests, and stock card management, ensuring efficient inventory control and real-time stock updates.

### **Ocean 12 Marketing System** | React, .NET, SQL Server

- Developed a Multi-Level Marketing (MLM) platform with a binary tree referral structure for commission distribution.
- Focused on implementing robust security measures and performance optimizations to protect sensitive client data.

### **Equb Management Systems** (Abronet, PITCO, Hello, HiberEt, Hgerigna) | MERN Stack

- Developed a suite of full-stack web applications digitizing traditional Ethiopian rotating savings and credit associations.
- Engineered features for group creation, real-time payment tracking, and contribution schedules.
- Integrated secure payment gateways (Santim Pay, CBE) and SMS verification, enhancing accessibility and security for users.

### **Marketplace (E-commerce Platform)** | MERN Stack (MongoDB, Express.js, React, Node.js)

- Architected a multi-vendor e-commerce platform enabling vendors to manage product listings and process orders.
- Implemented secure user authentication, role-based access control, and integrated payment gateways for secure transactions.
- Developed a vendor dashboard with sales analytics and inventory management, improving vendor autonomy and operational efficiency.

### **My Hello Delivery System** | MERN Stack (MongoDB, Express.js, React, Node.js)

- Led the development of a comprehensive delivery management system supporting parcel, food, and courier services.
- Integrated real-time GPS tracking and a multi-role management system for customers, delivery agents, and administrators.
- Built a notification system (SMS/Email) for order updates and an analytics dashboard for performance monitoring.