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ALFERID HASSEN

About

Proactive and versatile Software Engineer specializing in building high-performance, cross-platform mobile applications and full-stack web experiences. Experienced in leveraging Flutter & Dart, the MERN Stack, and modern cloud technologies (Supabase, Firebase) to deliver scalable, secure, and user-centric solutions. Passionate about clean code, robust system architectures, and continuous learning.

Technical Skills

- **Languages:** Dart, JavaScript/TypeScript, Java, C++, Python, PHP, SQL
- **Mobile development:** Flutter SDK, Android (Java), iOS, State Management (Provider, Riverpod, Redux), REST API Integration
- **Web development:** Next.js, Node.js, Express.js, Tailwind CSS
- **Database & Backend:** Supabase, MongoDB, PostgreSQL, Firebase, SQL Server
- **Tools:** Git/GitHub, Docker, RESTful APIs, Testing & Debugging, UI/UX Design, Data Structures & Algorithms

Websites, Portfolio

- <https://github.com/Alferid69>
- <https://ferid.me>

Experience

Full Stack Web and Application Developer, 02/2025 – 05/2025

Ibex Technologies and Promotion.

- Designed and built the **Bole Public Commodity Distribution** web application using the MERN (MongoDB, Express, React, Node.js) stack to streamline resource allocation in the Bole sub-city, Addis Ababa.
- Developed and launched a companion cross-platform mobile app using Flutter & Dart, integrating it with backend REST APIs for real-time commodity tracking and inventory management.
- Designed premium user interface layouts, navigation systems, and reusable mobile app/web components.
- Managed back-end databases, optimizing data retrieval speeds by writing efficient SQL and MongoDB queries.
- Integrated custom verification systems to secure commodity transactions.
- Partnered closely with designers to align the mobile app and web portal UI/UX experiences.

EDUCATION AND TRAINING

Bachelor of Science, Software Engineering 2026.

Arba Mich University