Hamdi Abdulfetah

Software Engineer | Mobile & Full-Stack Developer

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Objective

Motivated recent Software Engineering graduate with hands-on experience in cross-platform mobile development (Flutter), full-stack web development (React, Next.js, Node.js), and scalable backend services. Eager to contribute to impactful and user-centered software solutions in a dynamic development team.

Education

Bachelor of Science in Software Engineering
Haramaya University
Graduated: June 2026
CGPA: 3.74

- Relevant Courses: Object-Oriented Programming, Mobile App Development, Software Architecture, Database Systems

Technical Skills

- **Programming Languages:**Dart, Java, Python, C++, JavaScript, TypeScript
- **Frameworks/Technologies:**Flutter, React, Next.js, Firebase, ASP.NET Core, Node.js, Tailwind CSS, Prisma
- **State Management:**BLoC, Riverpod, Provider
- **Backend:**Firebase (Firestore, Auth), ASP.NET Core Web API, Supabase, Node.js (Express), Python (FastAPI/RESTful APIs)
- **Databases:**SQLite, PostgreSQL, Firebase, MySQL, Supabase
- **Tools:**Git, GitHub, CI/CD, Agile/Scrum, Docker, Vercel
- **Other:**API Integration, UI/UX Design, Version Control, Team Collaboration, Full-Stack Architecture, Agentic Workflow, Harness Engineering, Loop Engineering, OpenCode, Actively Learning

Experience

Founder & Lead Developer
C2 Studio – Remote (Self-employed)
March 2026 – Present

- Founded C2 Studio and lead product design, development, and launches end to end.
- Building small, useful mobile apps in Flutter focused on real user problems.
- Shipping MVPs, iterating from user feedback, and publishing to app stores.

Flutter Developer
Evergreen Technologies – Remote
May 2025 – April 2026

- Developing multiple modules in an entertainment and utility app including:
    - Ticketing system for events and transport
    - Video player module with custom controls
    - Lottery feature with backend logic
    - App store/download area for curated apps
- Implementing efficient backend communication via REST APIs and Firebase functions.
- Participating in an agile remote team with weekly sprint reviews.

Mobile Application Developer

Kuraztech – Remote (Internship)
July 2025 – October 2025

- Completed a 3-month certified internship in mobile application development.
- Built mobile app features and integrated them with backend REST APIs.

Mobile Application Developer Intern
Crevers Service PLC – Onsite (Addis Ababa)
April 2025 – July 2025

- Contributed to the development of a comprehensive E-Health System with features like patient registration, appointment scheduling, and medical record management.
- Built the mobile frontend using Flutter, integrated with a backend powered by ASP.NET Core Web API.
- Collaborated closely with backend developers to consume secured RESTful APIs for dynamic data interaction.
- Utilized BLoC (Business Logic Component) for structured state management and separation of concerns across complex modules.
- Designed intuitive, accessible UI components with responsive layouts and ensured performance optimization.

Projects

Dial Path – Ethiopian USSD Service Directory (Android)
A searchable directory of Ethiopia's mobile service codes that discovers and dials them in under 10 seconds: mobile money (Telebirr), balance checks, airtime, and emergency hotlines. Feature-first MVVM Flutter app (Riverpod, Freezed, GoRouter) with a native Android telephony plugin, admin portal, and release APK builds. dialpath.c2studio.dev

Pathcraft - AI-Powered Learning Roadmaps
A Flutter/Android app that builds structured learning roadmaps for a chosen skill using Gemini for path planning. Includes a home launchpad with pinned and active roadmaps, task scheduling via notifications, and Hive-based progress persistence. pathcraft.c2studio.dev

AnkiFlashcard – Textbook PDF to Flashcards Agent
An agent skill that dissects textbook PDFs into Anki-ready flashcards — cloze and basic card types with column-by-column reading and figure extraction — outputting validated CSVs that import directly into Anki or AnkiDroid. 68 tests with CI across 3 Python versions.

C2 Studio – Developer Studio Site & Problem Lab (Next.js)
Developer-studio website with a CTA-first homepage, Problem Lab submissions, Build-With-Me MVP funnels, Idea Clinic, Build Log, and a client-side admin dashboard (leads, services, cases) that turns visitors into clients and testers.

Neuronet - AI-Driven Mental Health Platform (Capstone Project)
Multi-repo capstone: Flutter monorepo (adolescent & guardian apps with MVVM + Riverpod), Next.js web panel (admin & counselor dashboard), Python backend API, and DistilBERT ML service for sentiment classification. Features journaling, mood tracking, AI chat, guardian alerts, and role-based access.

Currently Learning & Building

- Learning agentic AI workflows (agent skills, prompting, review/PR loops) and building JobPilot AI, an AI job-discovery platform (Next.js, PostgreSQL) with LLM match scoring.

What Sets Me Apart

- Engineer at heart — I love the fundamentals of software engineering and apply them in the new era of agentic workflows.
- Always learning and always looking for new methods and methodologies to build better software.
- Problem solver who enjoys breaking complex challenges into clear, buildable, and testable solutions.
- Proven ability to develop end-to-end Flutter and full-stack apps with scalable backend integration.
- Strong focus on performance, usability, and clean code practices.