# Mikias Tulu Gelashe

*Programming Enthusiast*

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📞 0919902814

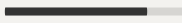📍 Addis Ababa, Ethiopia

📅 14 Jun 2000

🏳 Ethiopian

🐦 mikitulu07

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## Languages

**Amharic**
Native

**English**
IELTS (Band B2-C1)

## Area of Expertise

**Programming/Languages:**
Solid background and advanced knowledge in programming languages including PHP (Laravel), Dart (Flutter), GO, JavaScript (Node.js), C#, and Python.

**Databases Management:**
Skilled in working with database management tools such as MySQL, PostgreSQL, Firebase and MongoDB. Can design, create and maintain databases with optimal efficiency.

## Profile

A results-driven computer science graduate with a passion for mobile and web application development. Adept in a range of programming languages and frameworks, including Flutter, JavaScript, C#, and PHP. Proficient in database management, encompassing SQL, MongoDB, and Firebase. A proven problem-solver with a keen analytical acumen, demonstrated by successfully tackling complex challenges. Possesses a knack for embracing emerging technologies and thriving within collaborative team settings. Exceptional communication aptitude coupled with a track record of delivering top-tier customer service and support. Ready to contribute my skills and enthusiasm to a dynamic development team.

## Professional Experience

### Flutter Developer
*Dallol Tech plc* ⎋
Jun 2022 – Jun 2023 | Addis Ababa, Ethiopia

- Developed Rider and Driver applications for OK Delivery Company using Flutter framework.
- Designed and implemented robust application architecture for seamless performance.
- Integrated frontend with backend APIs for real-time data transmission and user authentication.
- Utilized Google Maps for efficient geolocation and navigation functionalities.
- Conducted rigorous testing and debugging to ensure app stability and reliability.
- Implemented continuous integration and deployment for streamlined updates.
- Optimized app performance to deliver a seamless user experience.
- Collaborated effectively within a dynamic team to foster innovation and achieve project goals.

## Education

### BSc in Computer Science
*Addis Ababa University*
Sep 2019 – present | Addis Ababa, Ethiopia

### International Baccalaureate Diploma
*Sandford International School*
2017 – 2019 | Addis Ababa, Ethiopia
**Relevant Coursework:** Computer Science HL, Mathematics HL, ITGS SL

## Projects

### getJOBS - Freelancer Mobile App ⎋
*Flutter and Firebase based job finder and freelancer connecting app*

- Designed and developed the app with Firebase auth, storage, and push notifications.

## Web Development
Expertise in web development using HTML, CSS, and JavaScript frameworks like React, as well as backend development using Node.js and Laravel.

## Design & Tools:
Proficient in utilizing UML, Git, and Github for version control and collaboration, as well as using IDEs like Visual Studio Code

## Skills

### Communication
Excellent written and verbal communication skills, ability to explain technical concepts to non-technical stakeholders

### Leadership
Experience leading and mentoring team members, ability to work collaboratively in a team environment

### Problem-solving
Strong analytical skills, ability to identify and solve complex problems efficiently

### Adaptability
Ability to adapt to new technologies and work in a fast-paced environment

- Implemented complex UI/UX using Flutter widgets and animations, optimizing performance with caching and lazy loading.
- Conducted thorough testing on various Android/iOS devices, resulting in a stable release.

**Flutter-Meselal-Time** ⬈
*organize, prioritize and visualize users daily tasks.*
- Designed and developed a Flutter mobile application that utilizes GetX state Management and real-time data storage.
- Implemented complex UI and UX designs using Flutter widgets and animations.
- Utilized Git and Github for version control and collaboration.
- Tested the application on various Android and iOS devices.

**(Senior Year Project) Accounting: Financial and Accounting Information Management Platform**
*a multi-tenancy SaaS full-stack app with multi-database and multi-domain architecture.*
Nov 2022 – Jun 2023
I completed a successful senior project developing the Financial and Accounting Information Management System—**a multi-tenancy** SaaS full-stack app with **multi-database** and **multi-domain** architecture. Built using Laravel, it efficiently manages financial and accounting data for businesses.

### *Key Features and Highlights:*
- Multi-Tenant SaaS Architecture with secure access and data isolation for multiple users or companies.
- Robust User Account Management, ensuring personalized experiences.
- Efficient Financial and Sales Management tools for transactions and cash flow tracking.
- Extensive Reporting and Analytics, including balance sheets and income statements.
- Seamless Inventory Management for products and services.
- Mobile-Responsive Design for accessibility on various devices.
- Data Visualization and Analytics with Chart.js for valuable insights.
- Role-Based Access Control for tailored user permissions.
- API Integration for seamless data exchange with other applications.
- Real-Time Updates and Notifications for timely alerts.
- Robust Backup and Data Recovery options for business continuity.
- Scalability and Performance Optimization for growing businesses.
- Comprehensive Documentation and Customer Support for a smooth user experience.