

# Isaac Ted Ndei

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## Profile Summary

I am a passionate and skilled Android Developer with over 3 years of hands-on experience in designing and building high-performance mobile applications across diverse industries, including fintech, logistics, real estate, and security. With a strong command of Kotlin, Java, and Flutter, I specialize in creating user-centric apps that are scalable, secure, and efficient. My professional journey includes developing innovative features like Tap-to-Pay using NFC, POS payment systems supporting multiple platforms (Mastercard, Visa, M-Pesa), real-time vehicle tracking apps, and property listing platforms integrated with Firebase. I am adept at collaborating with cross-functional teams, integrating RESTful APIs, optimizing app performance, and ensuring seamless user experiences.

Beyond technical proficiency, I am driven by a deeper mission to build products that make a real difference in people's lives. Whether it's improving access to essential services or enhancing daily convenience through thoughtful design, I approach every project with creativity, purpose, and a commitment to excellence.

## Work Experience

### Mobile App Developer at Kifiya Financial Technology PLC (2024-12-23 - 2025-07-01)

Location: Addis Ababa, Ethiopia

Responsibilities: 1. Maintain and Optimize Codebase

Regularly maintain and refactor the mobile application codebase to enhance performance, improve readability, and ensure scalability, while minimizing technical debt.

#### 2. Implement New Features

Design, develop, and integrate new features that align with the platform's goals, continuously enhancing functionality and user engagement.

#### 3. Fix Bugs and Resolve Issues

Identify and resolve bugs across various modules to ensure a seamless and stable user experience, minimize downtime, and enhance reliability.

#### 4. Collaborate with Cross-Functional Teams

Work closely with backend engineers, product managers, and QA testers to plan and deliver features that meet both technical and business requirements.

#### 5. Integrate APIs and Handle Data

Integrate RESTful APIs for core functionalities like voucher transactions and user authentication, ensuring secure and efficient data flow.

#### 6. Test and Deploy Applications

Write unit and integration tests to validate app functionality and actively participate in CI/CD workflows to support stable and timely deployments.

# Education

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## Bachelor's Degree in BSc in Computer Science

Institution: Dedan Kimathi University of Technology | Dates: 2018-03-05 - 2025-07-01

Location: Nyeri, Kenya

# Skills & Tools

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## Skills

1. Android Development (Kotlin, Java)
2. Cross-Platform Development (Flutter)
3. Jetpack Compose & Material Design
4. Feature Design & Implementation
5. Performance tuning
6. Backend & API Integration
7. RESTful APIs
8. Firebase (Authentication, Firestore, Realtime Database)
9. NFC Tap-to-Pay systems
10. Mastercard, Visa, and M-Pesa integrations
11. PDQ/POS device application development
12. Unit testing (JUnit, Mockito)
13. Manual and automated testing practices
14. AES and GSM encryption
15. Secure communication handling
16. Collaboration & Communication
17. Cross-functional teamwork
18. Agile methodologies

19. Problem-Solving & Innovation

20. Continuous learning and improvement

## Tools

1. Android Studio

2. Flutter SDK

3. Java Development Kit (JDK)

4. Gradle

5. Version Control

6. Git

7. GitHub

8. Jira

9. Confluence

10. JUnit

11. Mockito

12. Google Play Console (App publishing & updates)

13. CI/CD pipelines (basic exposure and participation)

## Languages

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English, Swahili