

## Teddy Omondi

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## SUMMARY

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Software Engineer experienced in building scalable web and mobile applications using TypeScript, React, Next.js, Node.js, Flutter, PostgreSQL, and MongoDB. Skilled in creating performant UIs, architecting secure backends, and optimizing data systems across both relational and NoSQL databases. Passionate about clean code, system design, and continuous learning..

## SKILLS

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- Typescript
- React
- [Next.js](#)
- Dart
- Flutter
- MongoDB
- PostgreSQL
- AWS
- Docker
- Git

## EXPERIENCE

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### Associate Mobile Developer | Nathan Digital

Sep 2024 - May 2025 | Nairobi, Kenya

- Spearheaded migration of existing Flutter codebase from Provider to Stacked architecture, improving scalability, maintainability, and developer onboarding experience.
- Led the implementation of CI/CD pipelines using Github Actions and Codemagic, reducing deployment time and improving release reliability.
- Diagnosed and resolved critical production bugs across Android and iOS platforms, enhancing overall app stability and user satisfaction.
- Collaborated with cross-functional teams to plan and execute feature rollouts and optimizations.
- Contributed to architectural discussions, code reviews, and engineering best practices, performing duties typically reserved for senior-level engineers.
- Advocated for clean code, modular design, and testability through refactoring and architecture improvements.

### Associate Software Developer | m-tip

February 2024 - December 2024 | Nairobi, Kenya

- Designed and implemented microservices using Core Java and Spring Boot for core platform features including authentication, event creation, and booking.
- Built secure authentication and authorization layers using Spring Security, ensuring data protection and compliance with access control standards.
- Developed and optimized RESTful APIs for internal microservice communication and external client integrations, prioritizing scalability and fault tolerance.
- Improved system performance by 20% by refactoring database queries and integrating Redis-based caching strategies.
- Contributed to the scalability and maintainability of large-scale Spring Boot applications through proactive code optimization, debugging, and feature enhancements.
- Collaborated with cross-functional teams to define service boundaries and enforce domain-driven design principles within a microservices architecture.

## Software Engineer | Mentorlst

July 2023 - Feb 2024 | Nairobi, Kenya

- Designed and implemented microservices using Core Java and Spring Boot for core platform features including authentication, event creation, and booking.
- Built secure authentication and authorization layers using Spring Security, ensuring data protection and compliance with access control standards.
- Developed and optimized RESTful APIs for internal microservice communication and external client integrations, prioritizing scalability and fault tolerance.
- Improved system performance by 20% by refactoring database queries and integrating Redis-based caching strategies.
- Contributed to the scalability and maintainability of large-scale Spring Boot applications through proactive code optimization, debugging, and feature enhancements.
- Collaborated with cross-functional teams to define service boundaries and enforce domain-driven design principles within a microservices architecture.

## Associate Mobile Developer | Carevault

February 2022 - November 2023 | Remote

- Spearheaded the migration of native iOS and Android apps to Flutter, driving a 30% reduction in maintenance costs and leveraging hot reload to cut development time by 15%.
- Streamlined development cycles to achieve 50% faster feature rollouts across both platforms by adopting Flutter's reactive framework and establishing reusable, custom widget libraries.
- Designed and optimized cross-platform UI/UX for consistency and performance, collaborating with design teams to ensure seamless user journeys.
- Integrated native device capabilities (camera, push notifications, biometric authentication) via Flutter platform channels and plugins, enhancing app functionality and engagement.
- Architected and implemented state management solutions using Provider and Riverpod, ensuring efficient state flow, reducing bug rates, and improving code maintainability.
- Championed Flutter best practices by defining coding standards, conducting peer code reviews, and mentoring junior developers, contributing to a high-quality, scalable codebase.

## Projects

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**Carevault** - National Disability Insurance Scheme Management Application. Its available on both app store and playstore

<https://play.google.com/store/apps/details?id=com.carevault.carevault>

<https://apps.apple.com/ke/app/carevault/id1617782543>

**Talkcoms** - VOIP Calling Application -

<https://play.google.com/store/apps/details?id=com.talkcomsltd.talkcoms.android>

<https://apps.apple.com/ke/app/talkcoms/id1492307890>

**Tusenti** - Tusenti is a powerful payment service provider that enables you to make payments using your transaction charges from your day-to-day digital transactions.

<https://play.google.com/store/apps/details?id=com.tusenti.app>

**Instadriver** - Fleet management application

<https://play.google.com/store/apps/details?id=com.instadriver.app>

## **EDUCATION**

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**Moringa School**, January 2022 - July 2022

Certificate in Fullstack Software Development (React, Typescript, Java and PostgreSQL)

**Multimedia University of Kenya**

Bachelor of Science in Applied Physics and Computer Science