

Raphael Yadda Odhiambo

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Location: Nairobi, Kenya

Objective

Experienced Full Stack Developer with over 4 years of expertise in designing and developing robust web and mobile applications. Proficient in front-end and back-end development, architecture design, and DevOps practices. Passionate about creating scalable, secure, and user-friendly digital solutions that solve real-world problems and drive business success.

Professional Experience

Full Stack Developer

Freelancer

Nairobi, Kenya

January 2020 – Present

- Designed and developed full-stack web and mobile applications using ReactJS, Node.js, Django, and Swift.
 - Built RESTful APIs for efficient data communication and third-party integrations.
 - Implemented secure authentication systems using OAuth 2.0 and JWT.
 - Deployed and monitored applications on AWS and Google Cloud, leveraging Docker for containerization and Kubernetes for orchestration.
 - Optimized database performance for MongoDB and PostgreSQL, improving query efficiency by 30%.
 - Provided ongoing support and maintenance, ensuring 99.9% uptime for client applications.
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Technical Expertise

Development & Architecture

- **Mobile Development:**
 - **Android:** Java, Kotlin, Android SDK, Material Design, JetPack Components
 - **iOS:** Swift, Objective-C, SwiftUI, UIKit
 - **Cross-platform:** React Native
- **Backend Development:**
 - Python (Django, Flask)
 - Node.js

- Laravel
- Express.js
- **Frontend Technologies:**
 - HTML5, CSS3, JavaScript (ES6+)
 - React.js, Vue.js, Next.js, Angular
 - Bootstrap, Tailwind CSS

Database & Infrastructure

- **Database Systems:**
 - MongoDB (Aggregation, Indexing)
 - PostgreSQL (Performance Tuning, PL/pgSQL)
 - MySQL (Optimization, Stored Procedures)
 - SQLite (Mobile Data Management)
- **Cloud Services:**
 - AWS (EC2, S3, Lambda)
 - Google Cloud Platform
 - Azure Services
- **DevOps & Tools:**
 - Docker, Kubernetes
 - CI/CD (Jenkins, GitLab CI)
 - Monitoring (New Relic, Grafana)

Quality Assurance & Security

- **Testing Frameworks:**
 - JUnit, PyTest, PHPUnit
 - Selenium, Appium
 - Jest, Mocha
 - **Security Practices:**
 - OWASP Security Standards
 - OAuth 2.0, JWT Implementation
 - SSL/TLS Security
 - Penetration Testing
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Education

Bachelor of Science in Mathematics and Computer Science

Multimedia University of Kenya

2018 – 2024

Kenya Certificate of Secondary Education

Jomo Kenyatta Boys' High School

2014 – 2017

Certifications

- **Google Digital Marketing & E-commerce Certificate**
 - **Google UX Design Certificate**
 - **Google IT Support Certificate**
 - **Certificate in GDPR Compliance**
 - **Certificate in Full Stack Web Development (React, Node.js)**
 - **Certificate in Laravel Development**
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References

Available upon request.