

# DOMINIC KOFI YEBOAH

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## SUMMARY

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Results-oriented Backend Engineer with 3+ years of experience in fast-paced startup environments across diverse sectors, including health tech and financial services. Proven track record of developing robust backend solutions and optimizing system performance with expertise in Python, Django, Golang, and containerization.

## SKILLS

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**Programming Languages:** Python, Golang  
**Frameworks:** Django, Django REST Framework, Django-Ninja, Gin-gonic  
**Databases:** PostgreSQL, MySQL, GraphQL, SQLite  
**Architectures:** Microservices  
**API Specs:** REST  
**Message Broker:** RabbitMQ  
**Caching:** Redis  
**Monitoring & Logging:** ELK Stack  
**Cloud Technology:** Heroku, Render  
**Version Control & CI/CD Pipeline:** Git, CI/CD  
**Methodologies:** Object-Oriented Programming, Test-Driven Development  
**Soft Skills:** Communication, Technical Writing, Collaboration, Teamwork

## EXPERIENCE

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- Mesika** 2023 – Present  
*Backend Engineer* *Accra, Ghana*
- Built and optimized financial transaction processing services for Mesika, enhancing the core banking system and supporting financial operations at scale.
  - Streamlined backend services to increase reliability and uptime for financial transactions, improving customer satisfaction by ensuring seamless user experiences.
  - Coordinated with cross-functional teams to integrate third-party services and ensure compliance with financial industry standards.
- Longevity Intime Biotech** 2022 – 2023  
*Backend Engineer* *USA, Delaware*
- Architected and implemented backend APIs to support the launch of Longevity Intime's A.I.-driven platform for disease prediction and health recommendations, reaching a broad user base.
  - Collaborated on the development and optimization of machine learning model integrations, focusing on streamlined data processing and efficient data pipelines.
  - Ensured data privacy and compliance through secure API integrations, working closely with the compliance team on HIPAA requirements.
- MachiniTechnologies** 2022 – 2023  
*Backend Engineer* *Nairobi, Kenya*
- Enhanced backend systems and APIs to improve user experience and enable advanced service features for MachiniTechnologies.
  - Developed secure login functionalities, including automatic user lockout after repeated failed attempts, as part of security reinforcement efforts.
  - Integrated mapping and geolocation services for real-time tracking, expanding platform capabilities for various user applications.
- KoldChain** 2021 – 2022  
*Backend Engineer* *Accra, Ghana*
- Led backend improvements and launched Panabios, a health verification platform used internationally to verify travelers' health credentials. Streamlined API operations, improving data flow and response efficiency.
  - Optimized REST API performance for the Goldkeys mobile client, reducing query times and enhancing server response by 30% through query optimization.
  - Collaborated with a cross-functional team to integrate microservices, ensuring scalable and reliable backend architecture in support of the Panabios platform.

## PROJECTS

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### Movie Reservation System

[Project Link](#)

- Developed a web-based platform to manage movie reservations, supporting both user and admin functionalities.
- Implemented JWT-based authentication for secure user and admin access.
- Designed features like movie and showtime management, seat reservations, and detailed reporting for admins.
- Built API endpoints for CRUD operations on movies, showtimes, reservations, and user role management.

### Workout Tracker

[Project Link](#)

- Developed a fitness tracking application using Golang and PostgreSQL, enabling users to track and manage workouts.
- Implemented user registration, login, and JWT-based authentication for secure sessions.
- Designed CRUD functionality for managing workouts and exercises, including detailed workout plans.
- Added features for generating user-specific workout reports and tracking progress over time.
- Integrated a Postman collection for API testing and streamlined debugging.

## EDUCATION

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### University of Energy and Natural Resources

*Diploma in Computer Science*

2019 – 2021

*Sunyani, Ghana*