

FREDERICK FRIMPONG ARTHUR

SOFTWARE ENGINEER

CONTACT INFO

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ABOUT ME

Motivated Software Engineer skilled in Java, Spring Boot, RESTful APIs, Angular and database management. Results-driven with a focus on creating efficient and scalable software solutions.

EXPERIENCE

SOFTWARE ENGINEER 2022-Present

Turntabl GH Ltd | Accra, Ghana

- Played a key role in developing a high-performance and scalable trading system composed of microservices using Spring Boot, RabbitMQ, and Redis.
- Implemented efficient messaging patterns with RabbitMQ to enable reliable communication between microservices for trading requests, notifications, and updates
- Ensured software quality and reliability through code reviews, defect resolution, and unit and integration testing.
- Implemented continuous integration processes using GitHub Actions, resulting in improved code efficiency.
- Ensured secure access to resources and protected user data by implementing security features with Spring Security, including authentication and authorization for REST APIs.
- Proficient in working with various databases, including MySQL, PostgreSQL, and MongoDB, for data modeling, database operations, and performance optimization.
- Utilized Redis as a caching mechanism to enhance system performance, reducing database queries and improving response times.
- Developed RESTful APIs with Spring Boot for smooth front-end and back-end communication, including request handling, data validation, and error handling.

EDUCATION

BSc INFORMATION TECHNOLOGY 2017-2021

University of Cape Coast | Cape Coast, Ghana

- Graduated with CGPA 3.3