

FELIX KARANI

Software Engineer

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SUMMARY

I am an enthusiastic backend engineer with a clear understanding in API design, design principles and enterprise system architectural patterns. I am looking for opportunities with a growing ambitious team that's tackling major problem. I am eager to contribute to team success through innovation and hard work. I excel in spaces that value transparency, innovation, and personal growth.

SKILLS

- **Programming languages:** Java, Javascript
- **Spring framework:** Spring boot, Spring cloud, Hibernate, Data JPA, Spring batch, Spring security, Spring JPA, Spring Web, Spring Webflux, SOAP, Spring AOP, Spring Scheduling and Spring JDBC
- **ORM:** Hibernate, JPA
- **XML Technologies:** XML
- **JVM Optimization,** JVM performance tuning
- **Databases:** MySQL, MSSQL, PostgreSQL
- **Containerization:** Docker
- **Unit Testing:** Junit, Mockito, Postman
- **Version Control:** Git
- **Tools:** Maven, Gradle, Jenkins, Swagger
- **Code Security:** Sonarcube, Kiuwan
- **Architecture Patterns:** Monolithic, Microservices

CERTIFICATIONS

- Spring security- LinkedIn
- Android, Java & Angular development - Moringa School
- Hacker rank Java Basic
- Docker for Java Developers-LinkedIn
- Spring security- LinkedIn
- Java Persistence API, Inheritance and Querying -LinkedIn
- Extending, securing and dockerizing spring-boot microservices

EXPERIENCE

Java backend developer Avania Systems

Nairobi, Kenya
June 2021- Present

- Coordinated Specifications and requirement for project technical needs
- Simplified complex specifications into logical design requirements for production
- Contributed to requirements gathering and design developments meetings
- Architecting and development of proof of concepts products
- Upgrading existing systems to Spring boot Microservices
- Worked on Point-of-sale ERP solution to monitor stock, sales and produce customized reports depending on user preference.
- Developing an automated json file processor that automates reading high volumes of Json data produced by events on ecommerce and mobile app through kafka, filtering and extracting data to databases for use by an Artificial Intelligence service

EDUCATION

Diploma in Food technology, Nairobi Technical Training Institute 2017 - 2020 Grade : Credit

Recent Projects

- Wallet Solution (Used spring webflux,Kafka,Docker)
- Mobile banking solution (Used Springboot,Docker)
- Value chain system (Used Reactive Spring,mySql)
- Mgari car Rental solution (Used Springboot web, spring internalization,, Docker)
- Bakery Workflow <https://github.com/karanimaina/BakeryProduct>
- Person Api <https://github.com/karanimaina/PersonApi>
- Drone service <https://github.com/karanimaina/DroneService>
- Kyc-microservice <https://github.com/karanimaina/kyc-microservice>

Soft Skills

- Innovative
- Adaptable
- Result oriented
- Agile
- Good communicator
- Team worker
- Self-starter

Referees

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