

Omar Gutierrez

Born: 8/22/1973

Residence: Mexico City, Mexico

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Summary:

Results-driven IT professional with over 20 years of experience in the full Software Development Life Cycle (SDLC). Expertise in Object-Oriented Design, Development, Testing, and Support of enterprise-level Web-based Applications. Proficient in building single-page applications using ReactJS and Nextjs, along with extensive knowledge of GraphQL, Spring Boot, Redis, and Kafka. Adept at designing microservices architectures, ensuring high performance and security.

Technical Skills:

- Technologies: Java (2/8/11/17), Spring Boot, REST API, Microservices, Messaging, Javascript.
- Deployment Server: Tomcat, WebSphere, JBoss, WebLogic, Nextjs, Express, Docker.
- Database: MySQL, Oracle, PostgreSQL, MariaDB, Redis.
- Frameworks/ORM: Spring Boot, Hibernate, React.
- Web Services: SOAP, REST, GraphQL, Microservices (sync/async), JSON, Protobuf, Avro Schemas.
- IDE: Visual Studio, IntelliJ.
- Version Control: GIT, GitHub.
- Testing/Logging: Junit, Log4j, Jest.
- Build Tools: Maven, Gradle, JHipster.
- Certifications: Apache Kafka Confluent Accreditation, Graph Developer - Associate, Redis for Java Developers, Redis Storing Querying and Indexing JSON and speed, Redis Streams, Running Redis at Scale, Redis Security.

Professional Experience:

Fullstack Developer | WFConsulting | 01/2010-01/2023

- Designed and implemented routing solutions using Apache Kafka, Redis Streams, and Redis Pub/Sub to facilitate seamless data transfer between internal and external systems.
- Successfully transitioned monolithic systems into a microservices architecture, leveraging Spring Cloud and Netflix stack for both synchronous and asynchronous communication.
- Expertly utilized ReactJS and Nextjs to build single-page applications with Server-Side Rendering (SSR) and optimizing performance.
- Collaborated with cross-functional teams to optimize data workflows, streamline processes, and integrate systems with ERPs like SAP, NetSuite, and Dynamics.
- Implemented advanced design patterns such as ETL, ELT, Sagas Orchestration and Choreography, CDC, CQRS, among others.
- Developed and deployed microservices on platforms like Google App Engine, Azure Spring Apps, AWS with Cloud Captain, and Heroku.

- Demonstrated proficiency in setting up and securing Kafka clusters, Redis clusters, and Spring Boot clusters with Nginx.
- Utilized JUnit and Jest for unit and integration testing, and implemented observability through Prometheus and Grafana.
- Contributed to the creation of observability dashboards, enhancing monitoring capabilities across various parameters.

Education:

Bachelors in Ingenieria Industrial

Universidad Iberoamericana Campus Santa Fe

Languages:

Spanish (Native), English (Fluent)