

JULIAN ZELAYETA

SYSTEM INFORMATION ENGINEER

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ABOUT ME

Dedicated and detail-oriented System Engineer with a passion for delivering high-quality software components and optimizing team efficiency. Proficient in system design, deployment, and maintenance with a strong background in OOP and FP. A team player committed to enhancing collaborative efforts and streamlining project deliveries, while continually seeking ways to improve team organization and workflow."

EDUCATION

UNIVERSIDAD TECNOLOGICA NACIONAL

System Information Engineer

EXPERIENCE

UBERALL (2023 ~ PRESENT)
Backend Software Engineer

Working as a Backend Engineer for the Analytics & Reporting team, focusing on delivering dashboards with critical metrics and KPI's for our customers businesses.
Techonologies:

- Scala 2 and 3, Kotlin & Groovy
- REST APIs
- Databases: SQL, Mongo, Elasticsearch
- AWS
- Kubernetess & Docker

TIENDANUBE | NUVEMSHOP (2019~2023)
Technical Leader

Started as developer focused in building a service for Catalog (products and categories) domain based on Scala + Akka As for 2021, with one stage of the migration completed, I've started developing myself as Technical Leader of a team of 12 members.

TIENDANUBE | NUVEMSHOP (2019~2023)

My responsibilities were to collaborate doing Q (quarters) plannings, hiring processes, team members evaluations, coaching people in Scala and Akka and fully involved on the SDLC: from defining deliverables up to develop and deployment of them.

Technologies I've being working on:

- Scala & Java
- Akka: actors, cluster, persistence, sharding, streams, projections, etc
- REST APIs
- Databases: SQL, MongoDB, Cassandra, Elasticsearch, DynamoDB
- Messaging: Kafka, SQS
- Event Sourcing & CQRS
- Docker & Kubernetess
- AWS
- Monitoring: NewRelic, Datadog & Kibana

Achievements:
Complete the migration of one domain from PHP to Scala with up to 1 Million request/min at ~ 3ms response time
Build a team with a lot of confidence and teamwork which gave me the opportunity to be their Technical Lead over the last year.
Reduce server costs due to migration form a monolithic structure to microservices which helped on less vertical scaling and more horizontal scaling Improve Tiendanube uptime and scalability.

SPREDFAST (2017 ~ 2019)

Software Engineer

Java and Scala developer on a Social Media company. My team was in charge of building dashboards and reporting several business metrics and KPIS.
Main complexity was the several inputs of our system and the ingestion of them: Twitter, Snapchat, Instagram, Facebook, etc in order to collect and report metrics.
Technologies I've worked along this period:

- Java & Scala
- REST & Graphql APIs
- Databases: SQL, Redshift, Redis, Cassandra
- Kubernetess & Docker

SOFTTEK (2016 ~ 2017)

Software Engineer

Java developer for an Health Insurance on a team in charge of designing and building a System which will allow patients to geolocalize doctors and help them to find the way to go.
Technologies I've worked along this period:

- Java with Spring
- Hibernate as ORM
- SQL as database

PRIVATE TUTOR (2011 ~ 2020)

Worked as a private tutor on high school and university signatures such as:

- Math
- Algebra
- Calculus
- Trigonometry
- Physics