Ernesto Chero

Career Summary

Experienced Data Engineer and Software Developer with 7 years of professional experience, including 5 years specializing in Scala development and 2 year in data engineering.

Proven expertise in building scalable backend solutions, implementing ETL pipelines, and optimizing performance for data-driven systems in FinTech, streaming, and other industries. Skilled in Functional Programming and adept with a wide range of technologies, including Scala frameworks (Cats, ZIO, HTTP4S), Spark, AWS, and Databricks.

Highlights include supporting high-traffic platforms such as Disney+ and Hulu, integrating with complex systems, payment platforms, and chat services, and mentoring team members on best practices. Passionate about continuous learning, team collaboration, and delivering impactful solutions in dynamic, remote work environments.

Summary of Qualifications

Proficient In:

- Scala
- GraphQL
- Cats
- Cats Effects
- Spark
- ZIO
- Kafka
- PostgreSQL
- MongoDB
- HTTP4S
- Databricks
- Git
- Python

Languages

- Spanish (native speaker)
- English (advanced)

Career History

Disney Streaming, USA - Remote Mar. 2023 – actual

Scala Developer

- Full implementation of new features to backend side using Cats, Cats effects, Circe, Scala Check, HTTP4S, Redis, AWS, Databricks
- Support the accounting team, build reports, implementing databrick jobs, spark jobs to process all the DSS and Hulu data.
- Create ETL jobs using Spark and Databricks to process large volumes of data efficiently and generate comprehensive reports
- Support the server side DRM and licensing components of Disney's video platform, serving Disney+, Hulu, Star+, ESPN+, MLB.tv traffic.
- Reviewing and optimization of coding sections written in Scala, SQL, Python

Scalac, Poland - Remote Jul. 2022 – Jan. 2023

Scala Developer

- Full implementation of new features to backend side using Cats, Circe, Scala Check, ZIO, Mongo, HTTP4S, KeyCloack, Redis
- Investigating bugs and fixing them
- Integration with payments and chat platforms like Stripe and Rocket Chat
- Reviewing and optimization of coding sections written in Scala

Avantstay, USA - Remote

Scala Developer Jul. 2021 – Jul. 2022

- Full implementation of new features to backend side using Cats, Cats Effect, Circe, Scala Test, Scala, Sangria, PostgreSQL, gRPC, GitLab,HTTP4S, Sangria-graphql, Kafka, Kubernetes, Scalacheck, GitlabCI
- Resolved memory leaks and potential performance issues
- Coordination with teams spread in Brazil, USA and Rusia

BBVA, Lima, Peru Jan. 2020 – Jul. 2021
Data Engineer

- Full implementation of Jobs using Scala, Spark, Git, Jenkins, Jira, Bitbucket, Argos, Jupyter
- Reviewing and optimization of coding sections written in Scala
- Data ingest and modeling
- Mentoring colleagues on Scala best practices

Jemstep, USA - Remote Dec. 2017 – Janl. 2020
Scala Developer

- Full implementation of new features to backend and frontend side using Scala, Akka, Splunk, Docusign, JavaScript, ReactJs, MongoDB, Spark, ZIO, Cats, Play framework
- Implementing features and working on issues for a number of open issues
- Coordination with teams spread in India, USA and South Africa

Education

National University of Trujillo, Trujillo, Peru Jan. 2013 – Dec. 2017
Faculty of Physical Sciences and Mathematics
BS, Computer Science