

Ricardo Martinez

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About Me

Goal-oriented software developer with strong commitment to collaboration and solution-oriented problem-solving. Committed to a high standard of the software development process, including writing well-tested and maintainable code, transferring knowledge via written documentation and clear verbal communication, and learning from my teammates.

Experience

Software Development Engineer

Jan 2021 - Present

Mediaocean | Chicago, IL

- Developed and revamped multiple audience ingestion scripts handling hundreds of millions of records daily from partner APIs (Transunion, Experian, etc).
- Migrated database systems handling terabytes of data from MySQL to Snowflake to improve query execution times and decrease overall operating costs.
- Collaborated on the design of an API for a new production service with the goal of providing clarity and ease of use for developers and end-users.
- Refactored various backend scripts for performance and maintainability, including a marketplace report whose runtime changed from hours to minutes.

Software Developer

July 2018 – June 2020

Tradebyte Software GmbH | Ansbach, Germany

- Developed and contributed to various e-commerce enterprise applications serving hundreds of clients and moving millions of products daily.
- Collaborated on all stages of the systems' development lifecycles, from requirement gathering to production releases.
- Refactored and optimized multiple applications to run in the cloud in a microservice architecture, taking special care to use the right cloud services in order to increase processing throughput and reduce cost.
- Maintained clear and thorough documentation to increase knowledge sharing and reduce developer on-boarding time.
- Presented enterprise applications to customers at the company's annual conference (ECD 2019), as well as internally to other teams and departments.

Education, Skills, and Languages

Columbia University - NYC, New York | Bachelor of Science: Computer Science

Graduated May, 2017

Track: Software Systems

- Python [Flask, Django, FastAPI, Celery, SQLAlchemy, Pydantic, Asyncio]
- SQL [PostgreSQL, MariaDB, MySQL, Snowflake], MongoDB
- Containerization [Docker, Compose], Cloud Platforms [AWS], Microservices
- Git, Gitlab CI/CD, Bash, Linux
- Agile Development, JIRA, Kanban, Confluence, Slack

- English: Native
- German: Advanced

U.S. and German citizen