Enzo Cuellar
Backend Developer

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General Manuel Belgrano - Formosa - Argentina

BACKEND DEVELOPER

Backend Developer specializing in FastAPI, databases, and data engineering pipelines, with strong foundations in algorithms, software architecture, and design patterns. Passionate about building scalable APIs, financial reporting systems, and backend infrastructures that connect multiple components (APIs, databases, pipelines, caches).
Proven ability to learn fast, structure complex systems, and deliver clean, maintainable code.

PROJECT EXPERIENCE

Financial Reporting System – FastAPI, PostgreSQL, Redis, Celery, Docker
- Designed and developed a backend system for both personal and enterprise financial reporting.
- Created APIs for user authentication, including JWT, refresh tokens, and role-based permissions.
- Integrated PostgreSQL using ORM (SQLAlchemy) and managed migrations with Alembic.
- Implemented Redis for caching and utilized Celery for background task processing.
- Established an automated testing pipeline using pytest and GitHub Actions.
- Deployed a containerized backend via Docker and implemented CI/CD workflows.

Authentication & Authorization System – FastAPI, JWT, bcrypt
- Developed user registration, login, refresh tokens, and /auth/me endpoints.
- Secured endpoints through role-based access control and active user validation.
- Designed reusable authentication middleware and employed dependency injection.

Data Engineering Pipelines – Python, Pandas, SQL
- Created ETL scripts to convert raw financial data into structured reports.
Automated processes for data cleaning, aggregation, and export.

SKILLS

- Python
- SQL
- FastAPI
- Celery

- PostgreSQL
- MySQL
- MongoDB
- Redis

- SOLID
- Structured Thinker
- Fast Learner
- Problem-solver

- Pytest
- Docker
- GitHub Actions
- Git

ADDITIONAL INFORMATION

- Languages: Native Spanish, Professional English
- Interests: Scalable systems, software architecture, data visualization, technology learning