



Ryan Martinez

Mid-Level Backend Engineer (E-commerce)

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SKILLS

Python • FastAPI • PostgreSQL • Docker • Docker Compose • SQLAlchemy • Alembic • Async IO • RESTful API Design • Data Modeling • Git • GitHub Actions

EXPERIENCE

Backend Engineer — ShopNova

June 2023 – Present

Led development of a modular FastAPI-based microservice platform powering 6 storefronts. Defined PostgreSQL schemas with SQLAlchemy and implemented migrations with Alembic. Reduced average API latency by 40% and improved request success rate by 15% under peak load.

Backend Engineer — CartPulse

February 2021 – June 2023

Implemented robust order and payment workflows using FastAPI and PostgreSQL. Introduced asynchronous processing and caching to handle peak traffic, reducing checkout latency by 25%. Containerized services with Docker and Docker Compose; automated deployments via GitHub Actions, improving release cadence by 2x.

Junior Backend Developer — MercuryMall

July 2019 – January 2021

Shipped RESTful APIs consumed by mobile apps and web storefronts. Optimized data access with indexing and caching, cutting product query times by 30%. Wrote unit and integration tests, achieving 85% overall test coverage.

EDUCATION

BSc Computer Science

Namibia University of Science and Technology

Graduated: 2018