```
Dockerfile ∪

✓ ECOMMERCE-BACKEND

                                      docker-compose.yml

√ app

    > products
   main.py
  ■ .gitignore
                                                  ports:
- "8000:8000"
  = app.log
                                                    - DATABASE_URL=postgresql+asyncpg://postgres:postgrespassword@db:5432/postgres
- SECRET_KEY=kjBSDVADJBAHDVBjkbhvahdfnmbamsnfvam12j4bm12n3evmqwevnhmwvrq
 Dockerfile
 ERD.png
                                                    - SMTP_SERVER=smtp.gmail.com
- SMTP_PORT=587
- EMAIL_FROM=none43478@gmail.com
- SMTP_PASSWORD=eqbfkqmpwoktcaat
 image-1.png
 image.png

 README.md

✓ SEARCH

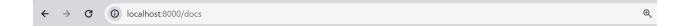
    settings.
                   Aa <u>ab</u>, *
                       AB ac
                                                  environment:
POSTGRES_USER: postgres
                                                    POSTGRES_DB: postgres
                                                   - postgres_data:/var/lib/postgresql/data
```

```
∨ ECOMMERCE-BACKEND
                      Dockerfile
                            FROM python:3.11-slim
  > products
                            ENV PYTHONDONTWRITEBYTECODE 1
 main.py
                            ENV PYTHONUNBUFFERED 1
 ≡ .gitignore
 ≡ app.log
                            WORKDIR /app
docker-compose... U
                            RUN apt-get update && apt-get install -y build-essential
ERD.png
image-1.png
                            COPY requirements.txt .
image.png
                            RUN pip install --upgrade pip && pip install --no-cache-dir -r requirements.txt

 README.md

∨ SEARCH
  settings. Aa <u>ab</u> *
                            EXPOSE 8000
             AB 💼
                            CMD ["uvicorn", "app.main:app", "--host", "0.0.0.0", "--port", "8000"]
```

```
#14 resolving provenance for metadata file
#14 DONE 0.0s
 √ ecommerce-backend-fastapi
 ✓ Network ecommerce-backend_default Created
                                                                                                                                 0.0s
 ✓ Container postgres_db
✓ Container fastapi_app
Attaching to fastapi_app, postgres_db
              | PostgreSQL Database directory appears to contain a database; Skipping initialization
postgres_db | 2025-08-25 06:10:18.295 UTC [1] LOG: starting PostgreSQL 15.14 (Debian 15.14-1.pgdg13+1) on x86_64-pc-linux-gn
u, compiled by gcc (Debian 14.2.0-19) 14.2.0, 64-bit
               2025-08-25 06:10:18.296 UTC [1] LOG: listening on IPv4 address "0.0.0.0", port 5432 2025-08-25 06:10:18.296 UTC [1] LOG: listening on IPv6 address "::", port 5432
postgres_db |
                2025-08-25 06:10:18.300 UTC [1] LOG: listening on Unix socket "/var/run/postgresql/.s.PGSQL.5432"
                2025-08-25 06:10:18.307 UTC [29] LOG: database system was shut down at 2025-08-25 06:10:05 UTC
postgres_db
               2025-08-25 06:10:18.314 UTC [1] LOG: database system is ready to accept connections
postgres_db
fastapi_app
                INFO:
                        Started server process [1]
```



## E-commerce API OAS 3.1

/openapi.jso

Secure backend using JWT token auth

## **Authentication**

