GRACE ODOM

DATA INTEGRATION ENGINEER

CONTACT

grace.odom@email.com
(615) 555-0179
Nashville, TN
linkedin.com/in/graceodom

SUMMARY

Data integration engineer with 5 years connecting EHR, billing and payer systems for a 9-hospital network and a medical billing firm. Builds FHIR and HL7 interfaces, REST APIs and SQL-based ETL jobs, and has moved 40 partner feeds to modern data integration patterns. Calm under go-live pressure and quick at problem-solving with vendors and clinical teams.

SKILLS

- Data Integration
- FHIR
- HL7
- REST APIs
- SQL
- ETL
- Python
- Mirth Connect
- JSON
- Problem-Solving

EDUCATION

Bachelor of Science
05/2021
Middle Tennessee State University
Murfreesboro, TN
Information Systems

CERTIFICATES

HL7 FHIR R4 Proficiency Certificate
10/2024
HL7 International

EXPERIENCE

Data Integration Engineer 05/2023 - Present
Cumberland Health Network Nashville, TN
Integration engineer for a 9-hospital network with 2.4M patient records.

- Build FHIR R4 APIs for patient, encounter and lab data, serving **12** partner apps at 99.8% uptime.
- Maintain 85 HL7 v2 interfaces in Mirth Connect, holding message error rates under 0.2%.
- Develop Python and SQL ETL jobs that load payer claims files into the warehouse for 300 analysts.
- Lead integration testing with 6 vendors a year and resolve mapping defects before each go-live.

Interface Analyst 08/2021 - 04/2023
Harpeth Medical Billing Franklin, TN
Analyst at a billing company serving 150 physician practices.

- Mapped 40 practice EHR feeds to the billing platform using JSON and X12 837 formats.
- Wrote SQL reconciliation queries that recovered $310K in charges missed by failed interfaces.
- Automated eligibility checks against 5 payer REST APIs, cutting manual lookups by 70%.
- Documented interface specs and error playbooks for a 10-person support team.

Healthcare IT Intern 01/2021 - 07/2021
Brentwood Family Medicine Brentwood, TN
Internship at a 12-provider family practice.

- Configured 30 provider workstations and EHR printer mappings before a clinic expansion.
- Pulled monthly visit data with SQL for the practice manager's dashboard.
- Tracked 60 interface errors between the EHR and lab vendor until each was closed.
- Trained 15 front-desk staff on EHR check-in steps after the workstation rollout.