

Layton Avery

Stockbridge, GA
laytonavery5@gmail.com
linkedin.com/in/laytonavery • laytonavery.dev

Results-driven interface analyst and software developer with six years of healthcare experience as a respiratory therapist. Able to initiate independent projects and collaborate effectively on production teams. Passionate about creating optimal solutions that positively impact clients and patients.

SKILLS

Python, JavaScript, Bootstrap, EMRs, Epic, XML, jQuery, SQL, Git, JIRA, Confluence, HL7, VS Code, Visio, Azure DevOps, MS SQL Server, MS Office Suite, Certified Scrum Master, Epic Bridges Certified, SharePoint

PROFESSIONAL EXPERIENCE

Integration Engineer

2022 – 2023

Arkansas Children's Hospital, Little Rock, AR

- Established interoperability between electronic health record software and medical facilities by developing, implementing, analyzing, and maintaining application interfaces
- Implemented robust monitoring and alerting systems, leading to 40% reduction in unplanned system downtime, allowing healthcare providers to focus on patient care
- Successfully established and maintained connections with third-party vendors, contributing to 20% reduction in costs and 15% increase in revenue through strategic partnerships
- Performed unit and integration testing throughout process of interface implementation
- Collaborated with hospitals and vendors to establish timelines for testing, production, and deployment
- Wrote clean and concise code while creating comprehensive code documentation
- Successfully implemented 6 major EPIC system upgrades, ensuring 100% compliance with industry standards, and facilitating the optimization of healthcare operations
- Effectively communicated software capabilities to clients while ensuring performance expectations were met
- Provided technical support and troubleshooting to medical facilities and their vendors
- Engineered integration of EPIC systems, achieving reduction in integration errors, leading to enhanced patient data accuracy

Registered Respiratory Therapist

2017 – present

Piedmont Henry Hospital, GA

Piedmont Fayette Hospital, GA

SnapNurse, MS

Krucial Staffing, TX

MedPro Staffing, FL

- Assessed patients using protocols to develop personalized care plans, providing high quality care according to clinical practice guidelines
- Conferred with physicians to recommend modifications to treatment plans to improve patient outcomes
- Documented clinical workflows to address and resolve any barriers to completing care plans

Continued...

- Educated patients and families on disease processes and treatment options to promote treatment adherence and compliance
- Collaborated with various medical teams to enhance patient experience and meet patient needs

EDUCATION

Software Development, Certificate <i>DigitalCrafts</i> , Atlanta, GA	2021
Cardiorespiratory Science, BS <i>University of South Alabama</i> , Mobile, AL	2017
Biology, BA <i>Troy University</i> , Troy, AL	2015