

Elizabeth Clohosey RT(R)(M)

Software Developer | Radiology Informatics | Versatile Professional

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Professional Summary

ARRT-certified radiologic technologist with expertise in radiology workflows and full-stack development for homecare workflow automation. Skilled in analyzing clinical and operational workflows, developing user-centered applications, and providing training and support for PACS/RIS. Leverages API-driven solutions and radiology experience to optimize healthcare processes, with a focus on cross-functional collaboration and user adoption.

Core Competencies

- **Full-Stack Development** – Building scalable applications with React, Node.js, MongoDB, Express.js
- **API Development & Integration** – Designing and implementing RESTful APIs for third-party vendor solutions
- **UI/UX Design** – Creating user-focused, responsive web interfaces for usability and performance
- **Data Analysis & SQL Reporting** – Developing custom reports for actionable insights
- **Radiology Systems Expertise** – Configuring and optimizing PACS, RIS, DICOM, MIS, EMR, HER
- **Medical Imaging Technology** – Expertise in X-ray, Mammography, CT, Fluoroscopy, Bone Densitometry
- **Regulatory Compliance** – FDA, MQSA, ACR Standards
- **Requirements Gathering & Documentation** – Crafting user stories, specifications, workflows
- **Problem Solving & Critical Thinking** – Root cause analysis and proactive issue resolution
- **Cross-Functional Collaboration** – Bridging technical and clinical teams for project success
- **Customer-Centric Communication** – Adaptable approach tailored to varied healthcare stakeholders
- **Change Management Support** – Guiding users through transition and adoption of new solutions
- **Mentorship & Team Support** – Knowledge sharing and support of junior team members

Work Experience

Full-Stack Developer

SembraCare • Raleigh, NC • February 2023 – December 2024

- Designed and delivered 3+ end-to-end applications to automate homecare workflows, analyzing current-state processes and implementing optimized solutions for 250+ clients.
- Authored user stories and technical documentation, collaborating with engineering and QA teams to integrate third-party APIs, streamlining data processes.
- Developed a task review system with API-driven PDF generation, incorporating task dates and patient data, enabling efficient care plan audits for 1,000+ patients.
- Conducted A/B testing and gathered stakeholder feedback to refine homecare application workflows, aligning with operational best practices.

Frontend Developer

SembraCare • Raleigh, NC • February 2020 – February 2023

- Led the creation of reusable component libraries and UI systems, driving design consistency and reducing development time by approximately 20 – 30%.
- Developed and tested responsive, accessible interfaces, integrating third-party APIs to enhance application functionality and user engagement.
- Collaborated with product teams to document requirements and refine interface designs based on stakeholder feedback.

Senior Mammography/Radiologic Technologist

Valley Radiology • Angier, NC • May 2016 – November 2019

- Executed high-quality imaging across modalities (radiography, mammography, bone densitometry), ensuring patient comfort and regulatory compliance.
- Delivered support to radiologists on PACS/RIS system use, troubleshooting workflow issues and providing insights that later informed homecare application development.
- Provided training to junior technologists on imaging techniques and PACS/RIS software
- Contributed to QA/QC reviews to ensure diagnostic accuracy.

Lead Mammography Technologist

First Choice Community Health Centers • Lillington, NC • March 2016 – May 2016

- Rebuilt and optimized the QA/QC program to ensure accurate documentation of equipment testing and maintenance logs.
- Maintained up-to-date QC records, technologist qualifications, and equipment logs in full compliance with MQSA standards.
- Led preparation for annual MQSA inspections by organizing and verifying all compliance documentation.
- Solely responsible for collaborating with supervising physicians and radiologists to select top-quality mammography images, verify staff qualifications, and performed required QC tests—resulting in successful ACR accreditation.
- Partnered with radiologists to ensure high-quality imaging and timely interpretation.
- Acted as a liaison to management, providing updates on workflow efficiency, compliance, and equipment needs.

Senior Mammography/Radiologic Technologist

Christine E. Lynn Women's Health and Wellness Institute • Boca Raton, FL • October 2012 – October 2015

- Performed advanced mammography procedures (3D tomosynthesis, needle localizations, stereotactic biopsies) in compliance with MQSA and ACR standards, optimizing imaging workflows.
- Provided training and support to radiologists on PACS/RIS software navigation, troubleshooting issues to improve workflow efficiency and informing homecare application development.
- Mentored junior mammography technologists through training on positioning techniques and PACS/RIS software use, enhancing team proficiency and patient care quality.
- Provided mobile mammography services, expanding access to care.
- Supported same-day result workflows and collaborated with radiologists to educate patients on breast density, risk factors, and follow-up recommendations.

Education

Full-Stack Coding Program, University of North Carolina

Completed intensive bootcamp in front-end and back-end development, mastering React, Node.js, and Agile methodologies to build dynamic web applications.

Mercy Medical Center School of Radiography

Completed comprehensive radiologic technologist program, gaining skills in imaging workflows, patient care, and regulatory standards, enabling transition to healthcare product development.