

# 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.

## Technical Skills & 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

## Professional 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 an intensive bootcamp focused on full-stack development. Gained hands-on experience with React, Node.js, Express, MongoDB, and Agile methodologies to build and deploy dynamic web applications.

**Radiologic Technology Program**

*Mercy Medical Center School of Radiography*

Completed a comprehensive program in medical imaging and healthcare operations. Developed expertise in clinical workflows, patient data handling, and regulatory compliance, supporting a strong foundation for building healthcare-focused software solutions.