

# Elizabeth Clohosey RT(R)(M)

Software Developer | Radiology Informatics | Versatile Professional

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## Professional Summary

ARRT-certified radiologic technologist and full-stack developer with experience in PACS/RIS systems, clinical imaging environments, and healthcare interoperability standards including DICOM, HL7, and FHIR. Skilled at translating clinical workflows into technical solutions using tools like React, Node.js, and RESTful APIs. Known for strong communication, clear documentation, and bridging gaps between clinical and technical teams.

## Technical Skills & Core Competencies

### Software & Development

React | Node.js | MongoDB | SQL | MySQL | CRUD operations | RESTful APIs | Axios | JWT | Authentication & OAuth | JSON data formats | Responsive Design | Bootstrap | Material UI | UI Debugging & Bug Fixing | Feature Planning & Wireframing | Figma | Git Bash | VS Code | Postman | Inkscape | Basic knowledge of AWS services

### Radiology & Imaging Systems

PACS/RIS optimization | Radiology workflow documentation | MQSA & ACR compliance | Cross-functional collaboration | Familiarity with DICOM standards | Basic understanding of HL7 standards | Basic understanding of FHIR standards

### Professional Strengths

Bridging clinical and technical teams to translate workflows into software solutions | Clear documentation throughout the development lifecycle | Troubleshooting and debugging across healthcare systems and applications | Delivering end-user training and support | Strong communication and collaboration within Agile environments | Focus on usability, accessibility, and intuitive design

## Development Experience

### Full-Stack Developer

**SembraCare** | Raleigh, NC | February 2023 – December 2024

- Built 3+ applications automating homecare workflows for 250+ clients.
- Created user stories and documentation, integrated third-party APIs for data efficiency.
- Developed PDF-enabled task review system supporting audits for 1,000+ patients.
- Conducted A/B testing and incorporated feedback to align features with care operations.

### Frontend Developer

**SembraCare** | Raleigh, NC | February 2020 – February 2023

- Built reusable UI component systems and libraries to streamline design and reduce development time by 20–30%.
- Developed responsive, accessible interfaces with third-party API integration.
- Collaborated with product teams to refine designs and document UI requirements.

## Selected Projects

### Task Review & Auditing System

Full-Stack Developer

Technologies: Node.js, REST APIs, pdf-lib, pdfkit

- Developed a scalable API and database to support compliance-driven task reviews for 1,000+ homecare visits.
- Designed dynamic logic to audit care tasks across rolling 90-day periods based on evolving clinical needs.
- Translated manual workflows into digital systems through tight cross-functional collaboration.

## Reusable Component Library & UI System

### Frontend Engineer/Project Manager

Technologies: React, CSS, NPM

- Spearheaded the development of a reusable component system to unify frontend design across multiple healthcare applications; reduced duplicated code by over 50%.
- Built and published custom NPM packages and CSS libraries to accelerate cross-team development.
- Acted as sole developer and project manager for scoping, design, development, and integration.

Explore additional selected projects: [Archived Project Summaries](#)

# HealthCare Experience

## Senior/Lead Mammography and Radiologic Technologist

*Various Medical Facilities | September 2003 – November 2019*

- Performed high-quality imaging in Mammography, Biopsy, X-ray, CT, Fluoroscopy, and DEXA.
- Trained technologists on positioning and PACS/RIS usage to improve team performance.
- Rebuilt QA/QC programs to maintain MQSA compliance and streamline inspections.
- Collaborated with physicians and radiologists to prepare for inspections and served as a liaison to management, resulting in successful MQSA inspections and ACR accreditations.
- Provided direct support to radiologists using PACS/RIS systems, troubleshooting workflow issues and sharing insights that later informed homecare application development.

# 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.