

DR. EMILY JOHNSON

Healthcare IT Specialist

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PROFESSIONAL SUMMARY

Experienced Healthcare IT Specialist with 6+ years of expertise in EHR implementation, healthcare data integration, and HIPAA compliance. Background in both clinical practice and information systems, providing unique insight into healthcare workflow optimization. Proven track record of successful system migrations and process improvements in hospital environments.

TECHNICAL EXPERTISE

Healthcare Systems: Epic, Cerner, Allscripts, MEDITECH, NextGen, athenahealth

Programming Languages: C#, .NET, Python, SQL, T-SQL, PowerShell

Healthcare Standards: HL7, FHIR, DICOM, ICD-10, CPT, SNOMED CT

Databases: SQL Server, Oracle, PostgreSQL, MySQL

Compliance & Security: HIPAA, HITECH, SOX, FDA 21 CFR Part 11

Integration Tools: Mirth Connect, Rhapsody, Cloverleaf **Cloud Platforms:** Microsoft Azure (Healthcare), AWS HIPAA-compliant services

PROFESSIONAL EXPERIENCE

Senior Healthcare IT Specialist | Chicago Medical Center | 2021 - Present

- Lead Epic EHR implementation across 3 hospital locations serving 50,000+ patients annually
- Develop and maintain HL7 interfaces for seamless data exchange between 15+ clinical systems
- Ensure HIPAA compliance for all IT systems and conduct regular security audits
- Reduced patient data retrieval time by 35% through database optimization and indexing
- Train clinical staff on EHR workflows and troubleshoot technical issues

Healthcare Systems Analyst | Regional Health Network | 2019 - 2021

- Managed Cerner implementation project for 500-bed hospital system
- Built custom reporting solutions using SQL Server and Crystal Reports for clinical quality metrics
- Integrated telehealth platform with existing EHR system during COVID-19 response
- Developed API connections for lab results, radiology reports, and pharmacy data
- Achieved 99.7% system uptime through proactive monitoring and maintenance

Clinical IT Coordinator | Community Hospital | 2018 - 2019

- Supported daily operations of Allscripts EHR system for 200+ healthcare providers
 - Created training materials and conducted workshops for new system features
 - Collaborated with clinical teams to optimize workflows and reduce documentation burden
 - Implemented barcode medication administration system, reducing medication errors by 40%
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EDUCATION

Master of Health Informatics | Northwestern University | 2018 **Doctor of Nursing Practice (DNP)** | Rush University | 2016 **Bachelor of Science in Nursing** | University of Illinois Chicago | 2014

CERTIFICATIONS

- Certified Professional in Health Information Management Systems (CPHIMS) - 2020
 - Certified Health Data Analyst (CHDA) - 2019
 - Epic Certified in Ambulatory, Inpatient, and Reporting - 2021
 - HIPAA Privacy and Security Officer Certification - 2022
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PROFESSIONAL PROJECTS

- **Epic Go-Live Success:** Led successful Epic implementation with zero downtime and 95% user satisfaction
- **Interoperability Initiative:** Established FHIR-based data sharing with 5 external healthcare partners
- **Population Health Dashboard:** Built real-time analytics platform for tracking clinical quality measures

- **Cybersecurity Enhancement:** Implemented multi-factor authentication reducing security incidents by 60%
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PUBLICATIONS & PRESENTATIONS

- "Optimizing EHR Workflows in Post-Acute Care Settings" - HIMSS Annual Conference 2022
 - "FHIR Implementation Best Practices" - Healthcare IT Journal, 2021
 - Co-authored white paper on "AI Integration in Clinical Decision Support Systems"
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PROFESSIONAL MEMBERSHIPS

- Healthcare Information and Management Systems Society (HIMSS)
- American Medical Informatics Association (AMIA)
- Illinois Health Information Technology Association (IHITA)