

# JEREMY MEDNIK

## PROFESSIONAL SUMMARY

Detail-oriented and passionate Integration Engineer with a solid foundation in software development through my formal education, self-learning, and relevant work experience. I have a drive to advance my software development career. With proven expertise in project management, developing APIs, debugging code, and implementing solutions in C#, Java, and web technologies, I seek to leverage my technical skills and hands-on experience to contribute effectively as a Software Developer.

## WORK HISTORY

### Data Integration Engineer, 08/2022 - 07/2025

**Epic Systems**, Madison, WI

- Directed integration projects to migrate healthcare systems to Epic as their EMR or implement a suite of Epic products. Led and coordinated team meetings to assess project progress, troubleshoot technical challenges, evaluate third-party system readiness, and oversee interface functional testing to ensure seamless data exchange and system reliability.
- Designed, developed, and maintained full-stack web applications using C#, HTML, CSS, and JavaScript within the MVC framework. Leveraged Git for version control, ensuring code integrity, efficient collaboration, and streamlined development workflows.
- Developed and enhanced APIs using MUMPs to audit and effectively bill the HL7 interfaces used by healthcare organizations on Epic under the Agile software lifecycle processes.
- Provided ongoing technical support to optimize system performance for over 10 healthcare organizations, troubleshooting data integration issues between third-party systems and Epic via HL7 interfaces and web APIs.

## EDUCATION

### Master of Science, Computer Science, 08/2025 - 05/2027

**American University** - Washington, DC

- Relevant Courses: Introduction to Database Systems, Introduction to Software Engineering, Artificial Intelligence

### Bachelor of Arts, Mathematics, 08/2018 - 05/2022

**University of Richmond** - Richmond, VA

- 3.42 GPA.
- Relevant Courses: Introduction to Data Science, Statistical Learning, Computing with Java, Data Structures, Probability, Set Theory, Financial Mathematics, Business Statistics, Software Systems Development, Algorithms & Real Analysis



Jeremy-Mednik.com



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## SKILLS

- Object-oriented programming:
  - Java
  - C#
  - C++
- Web Development:
  - .NET
  - HTML
  - CSS
  - JavaScript and TypeScript
  - React
  - Git
  - Web Services
  - MUMPs
  - Python
- Data Migration:
  - NoSQL
  - Excel
  - HL7 and FHIR
- Soft Skills:
  - Project management
  - Functional testing coordinator
  - Technical support (HL7 and web API debugging)
  - Agile software development
  - Quality assurance testing
- Integration Engineer:
  - TCP/IP protocol
  - API development
  - Data transformation
  - Network protocols