Jeremy Mednik

Software Developer

Washington, US, 20010, 240-888-9745, jeremy.mednik@outlook.com

Professional summary

"Software Developer specializing in healthcare technology, with expertise in building and maintaining full-stack web applications and securely transmitting data via RESTful web services. Experienced in integrating complex systems, developing APIs, and implementing scalable solutions that enhance interoperability and optimize user workflows.

Employment history

Data Integration Engineer, Aug 2022 - Jul 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** and **C#** to audit and effectively bill the HL7 interfaces used by healthcare organizations on Epic under agile practices.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.

Personal Projects

ClipME, Version 1.0

- I developed a **full-stack web application** that enables users to create and share website reviews within the ClipME community. Users can rate posts, discover valuable websites and tools, and follow other users to curate a personalized feed of recommendations.
- The backend is built with **Django**, serving as a robust API layer that retrieves and manages data stored in an Amazon Aurora database. It also implements secure JWT-based authentication for user sessions.
- The frontend is developed in **React,** which communicates with the Django APIs to dynamically render data, providing a seamless and interactive user experience.

Education

Master of Science, Computer Science, Aug 2025

American University, Washington, DC

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

Bachelor of Arts, Mathematics

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.

Skills

Java *(Skillful)*,

C# *(Experienced)*,

C++ *(Beginner)*,

HTML *(Experienced)*,

CSS *(Experienced)*,

JavaScript *(Skillful)*,

TypeScript *(Beginner)*,

React *(Experienced)*,

Git *(Skillful)*,

RESTful Web Services *(Experienced)*,

MUMPs *(Skillful)*,

Python *(Skillful)*,

PostgreSQL *(Skillful)*,

HL7 Data Integration *(Experienced)*,

FHIR Data Integration *(Experienced)*,

Project Management *(Experienced)*,

Agile development *(Experienced)*,

Quality assurance *(Skillful)*,

Network protocols *(Skillful)*,

AWS Cloud Practitioning *(Beginner)*.

Links

Website: jeremy-mednik.com,

LinkedIn: www.linkedin.com,

Github: github.com,

ClipME: clipme reviews.com,