

## CONTACT

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# ABDULLAH I. REHMAN

SOFTWARE DEVELOPER

I RECEIVED A FORMAL EDUCATION IN CLINICAL SCIENCES, BUT AFTER LEARNING PROGRAMMING LANGUAGES AS A PERSONAL HOBBY, I ENROLLED IN COMPUTER SCIENCE COURSES TO BROADEN MY KNOWLEDGE BASE. AFTER THAT I MADE THE DECISION TO PURSUE A FULL-TIME CAREER IN TECH. I'M CURRENTLY WORKING PART-TIME AS AN APPLICATIONS DEVELOPER WHILE CONTINUING MY EDUCATION WITH PROGRAMS SUCH AS LAUNCHCODE. I'M INTERESTED IN PURSUING A FULL-TIME ENTRY LEVEL SOFTWARE DEVELOPER OPPORTUNITY.

## PROJECTS

### MY LAB ORDER

C# • SQL • HTML • CSS • JAVASCRIPT • AZURE

- ASP.NET web application written in C# designed to facilitate safe and efficient patient COVID-19 testing
- Contactless demographics collection and registration ahead of arrival on-site
- Admin portal allows verification of patient identity prior to sample collection
- Interfaced with LIS application to export patient orders directly into client system according to HL7 protocol

### LAB MANAGER LIS

VB • .NET • SQL • RDLC

- VB.NET windows application designed to facilitate seamless and efficient laboratory workflow
- Interfaced with provider EMR to automatically import patient lab orders into LIS
- Bi-directionally interfaced with lab machinery to communicate tests to be run on each patient sample and import results back into LIS
- Test results interpreted in accordance with business logic and provider-friendly report generated to be sent back to ordering EMR

## EDUCATION

LC101 FULL-STACK WEB DEVLEOPMENT  
*LaunchCode, 2022*

POST-GRADUATE EDUCATION IN CLINICAL SCIENCES  
*Kansas City University, 2017-2021*

B.S. BIOCHEMISTRY/BIOTECHNOLOGY  
*University of Missouri St. Louis, 2014-2017*

- C++ Programming Course

## WORK EXPERIENCE

### JR. DEVELOPER, IZAZ SOLUTIONS

ST. LOUIS, MO JULY 2021-PRESENT • PART-TIME

- Maintain and implement new features using a .NET technology stack for complex business applications that serve 40+ clients across the Midwest region
- Work with product team to strategically plan for future development
- Develop interfaces in VB.NET to automate transfer of patient data from new client machines to LIS and from LIS to provider EMR's
- Developed reporting software in VB.NET to automate secure record transfers to Departments of State
- Designed, prototyped, developed, and maintain a full stack web application using ASP.NET, C#, HTML&CSS, JavaScript, and SQL.
  - Generated an additional revenue stream for the company
  - Increased client business throughput by focusing application design to address bottlenecks in previous workflow

### LAB TECH, AMERICAN TOXICOLOGY INST.

ST. LOUIS, MO MAY 2015-AUGUST 2015 FULL TIME (SUMMER JOB)

- Prepared patient samples for testing
- Operated Liquid Chromatography Mass Spectroscopy machine
- Interpreted graphical patient results prior to reporting
- Developed leadership skills through training other staff members to operate the LCMS machine

### LANGUAGES

C#	■ ■ ■ ■ ■
JAVASCRIPT	■ ■ ■ ■ ■
HTML	■ ■ ■ ■ ■
CSS	■ ■ ■ ■ ■
SQL	■ ■ ■ ■ ■
VB.NET	■ ■ ■ ■ ■
JAVA	■ ■ ■ ■ ■

### TOOLS / SOFTWARE

<u>VISUAL STUDIO</u>	<u>SSMS</u>	<u>AZURE</u>
<u>VS CODE</u>	<u>GITHUB</u>	
<u>WORDPRESS</u>	<u>OFFICE</u>	<u>ADOBE</u>

### FRAMEWORKS

.NET / CORE	■ ■ ■ ■ ■
ASP.NET / MVC	■ ■ ■ ■ ■
ADO.NET	■ ■ ■ ■ ■
ENTITY	■ ■ ■ ■ ■
BOOTSTRAP	■ ■ ■ ■ ■
ANGULAR	■ ■ ■ ■ ■