

# ANDREW SHULTS

SOFTWARE ENGINEER

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Chattanooga, TN

## WORK EXPERIENCE

### Software Engineering Contract Blue Cross Blue Shield Tennessee

05/2022-08/2022

Remote

Level 2 Software Development team

[Achievements/Tasks](#)

- Worked on Email, SMS, and PDF message delivery systems.
- Use WinSCP to access logs and troubleshoot.
- Learned and used IBM RTX, UCD, Websphere, IBM Dev Environments(eclipse,IIb), DBeaver, and SOAPUI for testing while adhering to sprint goals.
- Change endpoints for Salesforce integration.

- Worked in TSQL, Java
- Business needs unfortunately recently changed at this location for this contract so I am looking for a new opportunity.

### Software Development Contract KBX(Koch) Technology Solutions

01/2021-10/2021

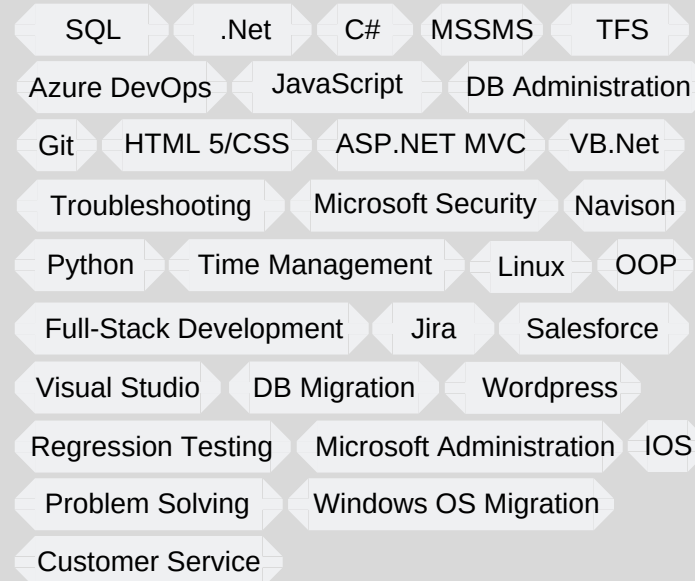
Remote

Level 2 Software Development team

[Achievements/Tasks](#)

- Develop solutions for KBX Web App used by Logistic companies worldwide. In live, production, and test environments.
- Troubleshoot customer issues, re-create, then manipulate SQL data or write C# code to develop a solution
- Weekly Builds, Agile environment
- Keep an eye on server status and recycle service/EDI pools
- Edit data, write queries, procs, & functions in SQL to fix issues.
- Debug and troubleshoot complex problems in live environments
- Work with SQL DBA's, Senior Engineers, and IT Support on development solutions throughout the development cycle.
- Use Azure Devops, Visual Studio, SSMS, SSRS, Remote Desktop, Teams, dBFodge, and in house programs.
- Configure/fix API functionality with our web app and facilitate fixes with other API Devs
- Fix issues with faulty data from external source systems
- Use .Net Framework with Azure Devops - TFS, GIT
- Profile and gather data from live systems to improve application performance
- Peer review and sign-off on others work
- Provide solutions to field reported software defects and customer requested enhancements
- Escalate product issues and suggest product improvements
- Ensure all work is reviewed to ensure adherence to the relevant development standards

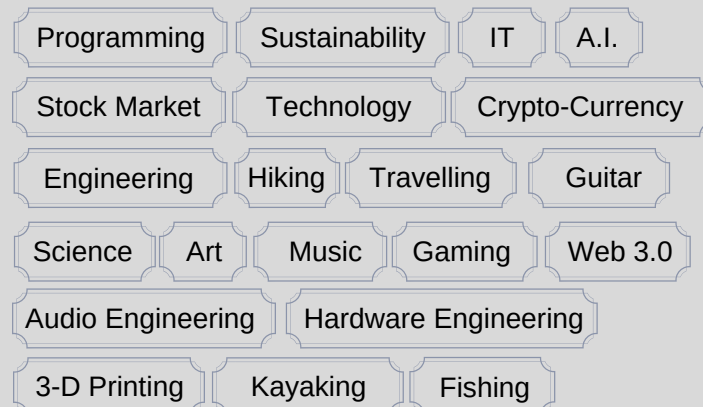
## SKILLS



## PERSONAL PROJECTS

- Side scroller - VB.net (10/2018 - 12/2018)
- Learning Python and using it with robotics/Arduino/ Raspberry Pi (06/2021-Now)
- Researching Blockchain Tech, and Web 3.0 for business and new use applications (01/2021-Now)
- Personal website - HTML/CSS/JS (12/2021 - Now)
- GPU Buying Bot - Python (6/2021- 8/2021)

## INTERESTS



## Full-stack Development(Freelance)

Abstractmediums.com

10/2018-01/2021 and 11/2021-Now

Remote

Full Stack Website/Web app/ Desktop App Development

### Achievements/Tasks

- Created several websites for businesses using Linux Virtual Machines on Google Cloud Services.
- Help consolidate files and data by creating SQL Databases.
- Use HTML/CSS/Javascript within Wordpress to create sleek, multi-functional websites/apps tuned for all browsers and types of hardware (i.e. Phones, Laptops, Desktops, etc)
- Use Google Domains, setup SSL Certificate and safety protocols.
- Create in house business applications (.Net Web Forms) that ultimately increased profits, business workflow, productivity, and reduced paper-waste.
- Work with customers first-hand to provide personalized service, detail functionality requests and style choices on websites/applications.
- Add google analytics, maps, forms and styles to websites
- Current active websites include <https://DreamingClean.Illc> , <https://twistedpalmssaltyadventures.com> , <https://Abstractmediums.com>, <https://Drewshults.github.io>
- I generally only take Freelance projects on when I am in-between full-time roles, on my free time, or when I feel like it will help me learn something. Unfortunately this is not a full time role yet.

## Software Engineer

Wathour Engineering Company

01/2020 -12/2020

Pearl, MS

Software engineer SQL, C#, and repair for meter testing software/hardware

### Achievements/Tasks

- Specialist for software and databases behind electronic meter testing hardware
- Saving, backing up, editing and copying customer databases in Microsoft SQL Management Studio
- Creating, importing and exporting data views via SQL for customer use within meter testing software (Customer tells me what they want their data view to look like then I design it)
- Write queries for customer databases in Microsoft SQL Management Studio
- Troubleshooting customer issues by evaluating SQL tables, looking at code-based errors, and inspecting debug files
- Regression testing for new releases of our metering software
- Documenting customer software issues and keeping track of them using Jira, Salesforce, and Azure Dev-ops
- Assisting with deployment of new software version releases.
- Remotely assisting customers with software bugs, database inconsistencies, and issues with API's for software.
- Connecting customer meter hardware to PC software and ensuring accurate testing
- Editing config files and making code changes
- SQL database administration, table editing and setup
- Create server admin accounts and assign permissions
- Fix any issues between MS SQL Server, Electronic Metering Software and Windows 10/7
- Converting/Migrating older Sybase databases to new SQL Databases.
- Migrating software/ drivers from Windows 7 to Windows 10
- Clearing registry errors and edit ports
- Daily SCRUM
- Work in Visual Studio - C#
- Edit TC/IP config settings and edit IP settings
- Work in Device Manager, Command Prompt, Remote Desktop, and other basic Microsoft Management Tools.

## EDUCATION

### Associate of Applied Science

#### Software Engineering Technology

Holmes Community College

Cumulative GPA: 3.57

### Courses 2016 - 2018

- |              |              |                                   |
|--------------|--------------|-----------------------------------|
| - JavaScript | - HTML/CSS   | - Microsoft Admin Fundamentals    |
| - C#         | - Python     | - Microsoft Security Fundamentals |
| - VB.Net     | - SQL        | - Advanced Visual Basic           |
| - Java       | - Networking | - Database Administration         |
|              | - C++        | - General Studies                 |

**Extra-Curricular:** *Phi Theta Kappa Society, Presidents Club*

### Technical Certificate: Software Engineering

Holmes Community College

2016 - 2017

### Additional Credits

Eastern Kentucky University

2011

### Courses

- English
- Drawing
- Art History
- Design

## ACHIEVEMENTS

- Presidents List (03/2016-03/2018)  
*Holmes Community College Presidents List Award*
- Volunteer at Ocala National Park (2015)
- CPR Certification (2012)

## Software Specialist

### Leidos

02/2019 - 12/2019

Clinton, MS

IT based troubleshooting and repair services

#### Achievements/Tasks

- Software troubleshooting and repair
- Excellence in Customer Service
- Active directory/Active client work and repair
- Password/account resets and repairs
- Microsoft Admin experience
- DBAM account troubleshooting and repair
- Assist high level clients such as the FBI, Pentagon, DoJ, and Leidos employees
- Migrating software/ data from Windows 7 to Windows 10
- Connecting hardware, updating firmware, and installing drivers
- Maintained top 5 productivity rank out of over 100 employee's within my first 30 days
- Updating/ Backing up operating systems
- Resolving VPN/ Microsoft issues

## Software Development Project(Contract)

### Irby Construction

11/2018 - 02/2019

Richland, MS

Helped develop an Asset Tracking System

#### Achievements/Tasks

- Designed and help develop a functional SQL Database containing all company assets
- Help design and develop a functional web app with multiple search parameters for the data using JavaScript, C#, HTML, and CSS
- Use balsamiq wireframe to design the app
- Adhere to a timeline and due date
- Work with a team to put design into action

## Sales/IT Support

### Tech Assurance

01/2018 - 11/2018

Ridgeland, MS

Printer based IT sales, repairs, and support

#### Achievements/Tasks

- Go to guy for networking/settings issues between windows and printers
- Excellence in sales, IT support, customer service, and minor hardware repairs
- Updating/ Backing up operating systems
- Resolving VPN/ Microsoft issues
- Connecting hardware, updating firmware, and installing drivers
- Fixing software issues from Windows 7 to 10 Migrations

## Web Development (Personal Learning)

01/2008- Now

Ridgeland, MS

Printer based IT sales, repairs, and support

#### Achievements/Tasks

- Learned HTML, CSS, and Javascript in high school then applied to personal webpages
- Created simple website for Small/Medium Businesses and other select clientele. Can find examples at (<https://dreamingclean.llc/>), ([Twistedpalmssaltyadventures.com](http://Twistedpalmssaltyadventures.com)) and more!
- Updated/ Backed up operating systems and databases
- Resolved VPN/ Microsoft issues
- Connected hardware, updated firmware, and installed drivers
- Fixed issues with Windows 7 to 10 Migrations
- Learned how to use Wordpress and create secure, encrypted websites using SSL Certification
- I've always been what you would call a "techie" and even in High School I was the tech lab teachers assistant. I'd jailbreak friends iphone's with custom software and fix issues with our school network and websites. At one point a few friends and I found a major vulnerability in the schools systems and assisted in fixing it.

