

ANDREW SHULTS

SOFTWARE ENGINEER

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WORK EXPERIENCE

SQL DBA/ Software Specialist Wathour Engineering/ Radian Research

01/2020 - Now

Pearl, MS

Software based troubleshooting, DBA and repair for meter testing software
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 and Salesforce
- Assisting with deployment of new software version releases.
- Remotely assisting customers with installations of new software updates and issues with said software
- Connecting customer meter hardware to PC software and ensuring accurate testing
- Editing config files
- 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.

Freelance Development Projects Select Small Businesses

01/2018 - 06/2020

USA

Short-term private freelance projects (Focus Desktop Apps)

Achievements/Tasks

- Short-term private freelance projects with select clientele
- Focus on Back-End Database development with SQL, C# using MSSMS and ASP.Net
- Some minor DBA work with focus being database and application development
- These projects were not constant but I did work on development projects while employed at other positions
- I accepted this extra workload in order to improve my SQL and Programming skills while employed fulltime at other positions.
- Some examples include creating a database for an internal employee benefit/PTO tracking app, developing databases to replace bulky excel spreadsheets for internal data, developing an application to track customer orders rather than easily misplaced paper files, and assisting in creating a database for an app to track monthly business costs.

SKILLS

MS SQL Database Administration HTML/CSS
JavaScript VB.Net C# MSSMS
MS SQL Database Software Development
Troubleshooting Navision Microsoft Security
Python Git Bootstrap Java OOP
Full-Stack Development Jira Salesforce
Visual Studio DB Migration Azure DevOps
Regression Testing Microsoft Administration IOS
Problem Solving Windows OS Migration
Customer Service Management Retail

PERSONAL PROJECTS

- Alien Shooter Game - VB.net (10/2018 - 12/2018)
- Dog Race/ Betting Game - C# (05/2018 - 08/2018)
- Budget Maker phone app - C# (05/2019 - Now)
- Personal Tech website - HTML/CSS/JS (5/2019 - Now)

INTERESTS

Programming Sustainability IT A.I.
Stock Market Technology Art Music
Video Games Hiking Travelling Guitar
Science Crypto-Currency Botany

ACHIEVEMENTS

- Presidents List (03/2016-03/2018)
Holmes Community College Presidents List Award
- Volunteer 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 developed a functional SQL Database containing all company assets
- Help design and develop a functional web app with multiple search perimeters 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 hardware issues from Windows 7 to 10 Migrations

Front Server

Seafood Revolution

09/2016 - 01/2018

Ridgeland, MS

Fine Dining based around Southern Creole Food

Achievements/Tasks

- Excellence in Customer Service

Nursery Manager

M & S Tree Nursery

05/2013 - 03/2016

Milan, MI

Family owned tree nursery with a short break for an internship.

Achievements/Tasks

- Manage tree planting, greenhouses, and employees
- Finance Training
- Repair/Operate heavy and light machinery

Server

Yellowstone National Forest

03/2012 - 08/2012

Yellowstone, WY

Serve patrons food and drinks at the Old Faithful Snow Lodge

Achievements/Tasks

- Serve food/drinks
- Clean restaurant
- Provide excellent customer service

EDUCATION

Associate of Applied Science

Software Engineering Technology

Holmes Community College

2016 - 2018

Cumulative GPA: 3.57

Courses

- | | | |
|--------------|--------------|-----------------------------------|
| - 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

Web Development (Personal Learning)

01/2010 - 12/2017

USA

Create/ Design Websites for myself, family, and friends

[Achievements/Tasks](#)

- Created simple website for Fathers Business and other select clientele. Can find at (<https://Twistedpalmssaltyadventures.com>)
- Learned HTML, CSS, some Javascript in highschool then applied to personal webpages
- Discovered my passion for programming, engineering and development
- I was unable to afford college at the time so I taught myself the fundamentals behind website development and programming until I was recently able to obtain my degree.
- I have plenty of fun examples of what I have learnt over the years! If you would like to take a look just let me know and I can send out links to some of my projects!