

ANDREW SHULTS

SQL DBA/ SOFTWARE ENGINEER

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WORK EXPERIENCE

SQL DBA/ Software Specialist

Watthour Engineering/ Radian Research

01/2020 - Now Pearl, MS

Software based troubleshooting 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)
- Writing 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 and ensuring accurate testing
- Editing code via config files in order to edit visuals of software
- 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
- Edit TC/IP config settings and edit IP settings
- Work in Device Manager, Command Prompt, Remote Desktop, and other basic Microsoft Management Tools.

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

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 - 11/2018)
- Dog Race/ Betting Game - C# (05/2016 - 08/2016)
- Budget Maker phone app - C# (05/2019 - Now)
- RPG Game, Learning exercise - C# (05/2019 - Now)
- Personal Tech website - HTML/CSS/JS (5/2019 - Now)
- Studying Angular Framework - (11/2019 - Now)

INTERESTS

Programming Sustainability IT A.I.

Stock Market Technology Art Music

Video Games Hiking Travelling Guitar

Science Crypto-Currency Botany

ACHIEVEMENTS

- Presidents List (03/2018-03/2020)
Holmes Community College Presidents List Award
- Volunteer National Park (2015)
- CPR Certification (2012)

Software Development Project Irby Construction

12/2018 - 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 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 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

Off Highway Vehicle Seasonal Internship

Ocala National Forest

08/2015 - 12/2015 Ocala, FL

Volunteer/Internship work for the National Park

Achievements/Tasks

- Government Vehicle Certification
- Help manage the National Park off-road trails

Nursery Manager

M & S Tree Nursery

05/2013 - 08/2016 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

Web Development (Personal Projects)

Everywhere

01/2010 - 12/2017 USA

Create/ Design Websites for myself, family, and friends

Achievements/Tasks

- Created simple website for M & S Tree Nursery (Business shutdown/ Site no longer active)
- 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

EDUCATION

Associate of Applied Science Software Engineering Technology

Holmes Community College

2017 - 2019

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

2017 - 2019

Additional Credits

Eastern Kentucky University

2011

Courses

- English
- Drawing
- Art History
- Design