**MISHELLE ESSER**

**(571) 969-2994|| Fairfax, VA 22032 ||**[**EsserMishelle@gmail.com**](mailto:EsserMishelle@gmail.com)

[linkedin.com/in/esser-mishelle](https://www.linkedin.com/in/esser-mishelle/) || [github.com/EsserMishelle/2023-10-NCR-WISE](https://github.com/EsserMishelle/2023-10-NCR-WISE)

**OBJECTIVE**

Dedicated and driven Software Development Engineer committed to advancing organizational objectives by redefining customer experiences and cultivating a resilient engineering culture.

Seeking to apply expertise in conceptualizing, architecting, and fortifying critical elements of the company's platform while emphasizing user-friendly design and sustainable maintenance practices.

**TECHNICAL SKILLS**

**Strength And Skill Highlights**

* Software Development Life Cycle (SDLC)
* Web Development (HTML, JS, CSS, MS SQL)
* Integration Testing & Debugging
* Management of IT Department
* Executive Communication and Decision Making
* IT Strategic Planning and Coordination
* IT Proposal, Solicitation, Procurement
* Strategic Planning & Coordination
* Project Design and Implementer
* Risk Analysis and Problem Solver
* PCs & Server Installation
* Hardware Software Troubleshooting

**Technical Proficiency**

* JavaScript
* Oracle SQL
* PostgreSQL
* MYSQL
* MS Access
* Python
* Java
* VMWare
* MongoDB
* Google Cloud
* React

**CERTIFICATION**

**Oracle 1z0-071** Database SQL DBA Associate Certified (Oct 2022)

**EDUCATION**

* **Per Scholas** **Software Engineering:** Acquired valuable hands-on software engineering experience on projects utilizing similar software processes. Proven proficiency in employing Map Reduce methods and successful design and development of Object-Oriented projects on Windows platform. *Certificate of Completion*
* LinkedIn Python Essential *Certificate of Completion*
* PostgreSQL Essential *Certificate of Completion*
* **Master of Science, Management Information Systems**, University of Maryland University College, MD, 2001
* **Bachelor of Science, Business Information Systems**, University of Alabama at Birmingham, Al 1992

**PROFESSIONAL EXPERIENCES**

* Assisted government clients with IT requests and requirement
* Managed and monitored Unix, Windows hardware, software, PCs, servers and all other infrastructure and services to ensured seamless operation
* Oversaw the IT budget and ensure cost-effectiveness. Researched, procured, installed hardware and software for clients and employees. Provided key input for software system design, analyzing hardware/software trade-offs, facilitating software reuse, and integrating COTS/GOTS solutions.
* Simultaneously supported hardware and software operations, coordinating efficient technology installations, upgrades, and maintenance. Significantly enhanced end-users' and clients' experience.
* Performed testing, troubleshooting, report analysis, and modifying systems for operation efficiency
* Demonstrated understanding of Big-Data Cloud Scalability (Amazon, Google, Facebook) and adept at documenting ontologies, data models, schemas, formats, and data elements
* Developed, maintained, and generated SQL, Oracle, and MS Access databases, including forms, queries, triggers, and reports
* Converted a large legacy to a user-friendly front ends database system resulting in 50k saving .
* Controlled user access, roles, and secured database. Provided technical support.
* Designed and maintained company website for customer call center. Researched, composed and provided the re-compete contract proposal. ***Obtained ISO Certification***
* Supported the recompete process in IT proposal and won the continual contract
* Trained users in computer programming using Alice programming language, focusing on application development, narrative construction, and interactive gaming
* Leveraged 3D graphics and a Graphical User Interface (GUI) to immerse users in their inaugural programming encounters. Conducted ongoing assessments to evaluate user proficiency and delivered constructive feedback accordingly
* Identified and evaluated risk analysis to develop a network disaster recovery plan and backup procedures
* Developed, revised and implemented computer security policies for the entire university or organization. Enforced the staff and administrators complied with the security guidelines
* Conducted IT security testing and system auditing for risk and vulnerability analysis
* Investigated in security policy violation breaches. Conducted security awareness training

**WORK HISTORY**

**Capital Baptist, Falls Church, Va**  2012-2014

*Computer Specialist at Capital Baptist*

**Kaiserslautern, Germany**  1999-2003

*IT Administrator Manager*

**University of Texas, El Paso, TX** 1998-1999

*Information Security Officer*

**Pinkerton Consultant, Richmond, VA** 1997-1998

*IT Consultant & Programmer*