Jeremy Leasor
JLeasor76@gmail.com

Professional software engineer with 20+ years of experience, including 4+ years of experience developing Go applications.

TECHNICAL SKILLS

Languages: Go (golang), T-SQL/SQL, Python, C#, JavaScript
Databases: SQL Server, PostgreSQL, MongoDB
Operation Systems: Windows, Linux(Debian and Red Hat)

PROFESSIONAL EXPERIENCE

V-Soft Consulting: Comcast
Reston, VA
3/2019-Present
Software Engineer

- Design and develop high performance Go application monitoring hundreds of video streams to provide metrics using Go, Docker, Prometheus, and Kubernetes.
- Leverage Docker to enable automated and reproducible tests.
- Continuous performance analysis. Re-factor core piece of the code that resulted in an increase of monitoring additional streams by 40%.
- Create table unit tests in Go to ensure that the application is functioning according to specifications.
- Create RFC(Request for Comment) document to facilitate communications for a new architect design in a section of the Go code.
- Review team members PRs and provide feedback.

DMI / Synergy
Kearneysville, **WV**
7/2016 – 3/2019
Security Engineer

- Develop Go utilities that are used for performing attack surface analysis through the discovery of ports, protocols, and services that are running on the assets.
- Create Go libraries used for importing data provided by various teams in csv format and converted it to markdown files to be used by HUGO.
- Create unit tests for Go libraries and maintain a high level of code coverage.
- Design and develop Go utilities\libraries that are used for importing security requirements from DISA STIGs and NIST FISMA 800-53 into the repository.
- Design and develop Go utilities\libraries that are utilized for converting BladeLogic csv files into DISA STIG checklist files that are utilized by operations for increasing their security posture on their assets.
- Develop custom Go libraries used to ingest asset metadata and STIGs to be utilize by COTS product.

- Design and develop security requirements repository that is utilized by the organization as the authoritative source for the security requirement implementation, validation, and policy for the organization.

01/2015 – 06/2016 DMI, *Kearneysville***, WV**
06/2010 – 12/2014 CSC, *Kearneysville***, WV**
07/2006 – 07/2010 *STANLEY ASSOCIATES, INC., Kearneysville***, WV**
Lead DBA
- Successfully lead a team of SQL Server DBAs for the rewrite of the Coastguard's largest mission essential system. This involved the creation of over 1200 tables, 3000 stored procedures, over 30 connections to additional Coastguard systems, and over 2 TB of data being migrated.
- Provide administrative support for SQL Server. Install, test, and deploy the RDBMS software patches\upgrades with minimal interruption to services. Perform different types of backup\ restores procedures to ensure database integrity in a catastrophe server failure. Designed and implemented a disaster recovery strategy on SQL Server by using database mirroring in high performance mode.
- Create and maintain a Database standards document and ensure that the DBA team adheres to the standards in their table designs, stored procedure, views, and functions before propagating those objects to other environments through the configuration management process.
- Installed and configured MongoDB. Created python script for validating and inserting json into the MongoDB for the business technology inventory system.

*STANLEY ASSOCIATES, INC., Kearneysville***, WV**
12/1998 -11/2006
Developer DBA
- Design and implement various database objects (tables, views, stored procedures, and schemas). Implement physical database integrity with primary keys, foreign keys, check constraints, functions, and triggers.
- Create and modify stored procedures to perform CRUD actions against the database.
- Develop .NET web services used by other consumers within the organization.

EDUCATION

B.S., Computer Programming/Information Science, Shepherd College (2000)
Masters in Software Engineering, West Virginia University (2012)

Publications

https://www.packtpub.com/product/the-go-workshop/9781838647940