Warren Gates

Technology Skills

Languages: Kotlin, Java, C#, SQL, Transact-SQL, JavaScript, Bash, VB Script, VBA,

Software: IntelliJ IDEA, Visual Studio, Visual Studio Code, Git, Microsoft SQL Server, MS Enterprise Library, Docker, Junit, NUnit

Systems: Windows desktop and server, Linux

Skills: OO Design & Programming, Data modeling. Relational Databases, Debugging, Problem Solving, Accounting

Certification: AWS Cloud Practitioner, Certified Kubernetes Application Developer, Microsoft Azure Fundamentals

Experience

Software Engineer   Self Employed – Denver, CO   2021 – present

- Using Kotlin, designed, built, and released to market an Apache Velocity template based code generation plugin for Jetbrains IntelliJ.
- Using Kotlin, designed, built, and published to Maven Central an object oriented, strongly-typed JDBC metadata library

Software Developer   Self Employed – Seattle, WA   2008 – 2016

- Developed ASP.NET MVC based environmental chemistry risk calculation application
- Designed and developed mink habitat and life-cycle simulation model using VBA/Excel
- Developed environmental data management and analysis ASP.NET intranet site
- Designed and implemented changes to Windward Environmental's reporting tool to accommodate changing business requirements and regulations
- Integrated copy protection library into commercial blu-ray authoring software
- Developed Bash scripts to automate configuration of Linux system for xray inspection tools

Database Developer   Windward Environmental – Seattle, WA   2001 – 2008

- Designed and built environmental reporting and analysis application using SQL Server and .NET Windows Forms that reduced report execution times by more than 90%
- Automated GIS shape file processing for environmental scenario mapping and analysis
- Developed habitat comparison model to support habitat restoration planning
- Developed analytical and reporting database queries in SQL Server
- Developed ETL scripts and tools for data cleaning and import
- Built and supported Microsoft Windows 2000 network with Microsoft Exchange, Microsoft SQL Server, Microsoft ISA, file server, and remote access services

Software Developer   Appendix A/Rolling Bay Software – Seattle, WA   1999 – 2001

- Developed multi-tenant collaboration web site to provide private workspaces for environmental remediation project planning
- Developed reporting module for multi-tier environmental data management system
- Developed GIS module for multi-tier environmental data management system
- Tested, debugged, and improved performance of environmental data management system
- Developed distributed system for project management workload forecasting and tracking

Network Administrator   The American Alpine Club – Golden, CO   1997 – 1998

- Designed, implemented, and maintained Windows NT network using Microsoft BackOffice Small Business Server

Accountant   The American Alpine Club – Golden, CO   1994 – 1998

- Performed all accounting functions for $8 million non-profit organization.
- Restructured accounting system using Peachtree Accounting for Windows.
- Streamlined accounting procedures resulting in 50% timesaving while company growth exceeded 100%.
- Assisted in preparation of annual $1 million operating budget.
- Prepared all reports for year-end audits.
- Developed new internal control procedures to correct accounting weaknesses and improve customer service.

Accountant   Various Temp Assignments – Seattle, WA   1992 – 1993

- Washington Mutual Bank: Prepared journal entries daily to clear Suspense Accounts and maintain balanced system for two companies.

Other information

Personal Break   2017-2021

Education

University of Washington   Seattle, WA   2006

- Certificate – Project Management

Walla Walla College   Walla Walla, WA   1992

- Bachelor of Science – Business Administration – Accounting

Prepared September 2022

References available upon request