Warren Gates

Highlands Ranch, CO • warren@warrengates.dev • linkedin.com/in/warren-gates
• https://warrengates.dev/

Software Engineer

Software engineer with strong problem-solving skills and experience in C#, .NET, Java, relational databases and more. Committed to continuous learning and staying abreast of emerging technologies in the rapidly evolving tech landscape. Adept at collaborating with cross-functional teams to deliver high-quality software on time and within budget.

SKILLS

Languages: Bash, C#, Java, JavaScript, Kotlin, SQL, T-SQL

Tools & Frameworks: Ansible, ASP.NET, Docker, Git, GitHub, GitHub Copilot, IntelliJ IDEA, .NET, Nuget, NUnit, Vagrant, Visual Studio, Visual Studio Code

Databases: Database Design, Data Modeling, Microsoft SQL Server, PostgreSQL

Operating Systems: Linux, Windows

General: Debugging, Object Oriented Design, Object-Oriented Programming (OOP), REST APIs, Unit Testing

CERTIFICATIONS

Azure Fundamentals
Microsoft • 06/2019 - Present

Certified Kubernetes Application Developer
The Linux Foundation • 07/2023 - 07/2026

Amazon Web Services Cloud Practitioner
Amazon • 11/2022 - 11/2025

WORK EXPERIENCE

Warren Gates • Highlands Ranch, Colorado, United States • 06/2021 - Present
Software Engineer
- Architected, built, and released to market an Apache Velocity template based code generation plugin for JetBrains IntelliJ IDEA.
- Designed, built, and published to Maven Central an object-oriented, strongly-typed JDBC metadata library.

Independent Consultant • 07/2008 - 09/2015
Software Developer - Scenarist
- Working with geographically dispersed team, integrated copy protection library into commercial blu-ray authoring software.

Software Developer - Logos Imaging
- Under tight deadline pressure successfully developed and delivered Bash scripts to automate configuration of Linux system for xray inspection tools.

Software Engineer - FLOYD | SNIDER
- Developed environmental data management and risk assessment ASP.NET intranet site.

Windward Environmental • Seattle, Washington • 11/2001 - 10/2016

A Seattle based environmental consulting firm.

Software Engineer Consultant
- Implemented ongoing changes to Windward Environmental's reporting tool to accomodate changing business requirements and ensure compliance with government regulations.
- Developed ASP.NET MVC based environmental chemistry risk calculation application

Software Engineer
- Designed and built environmental reporting and analysis application using C#, .NET Windows Forms, and SQL Server that reduced report execution times by more than 90%
- Built automated tool to replace manual GIS shape file processing for environmental scenario mapping and analysis, improving throughput by over 80%.
- Developed habitat comparison model to support habitat restoration planning
- Consistently met deadlines for query and report development for inclusion in client facing deliverables.
- Developed ETL scripts and tools for data cleaning and import
- Implemented and managed Microsoft Windows network providing Microsoft Exchange, Microsoft SQL Server, Microsoft ISA, file server, and remote access services

Appendix A Technologies • Seattle, Washington • 07/1999 - 10/2001

Software Engineer
- In a fast paced startup environment developed multi-tenant collaboration website 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 optimized performance of environmental data management system.
- Developed, tested, and deployed distributed system for outside client project management workload forecasting and tracking.

The American Alpine Club • Golden, CO • 01/1997 - 11/1998

A non-profit organization dedicated to promoting climbing, preserving mountain environments, and providing resources and support to climbers of all levels.

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

EDUCATION

Certificate in Project Management
University of Washington

Bachelor of Science - BS in Business Administration - Accounting
Walla Walla University