Neilton Saari

Sr. Software Engineer -- Backend at Metromile
Lakewood, Washington, United States

Summary

Current building and deploying full stack web applications in Angular/
TypeScript/JavaScript, ASP.NET Web API, C#/LINQ, and SQL.
Also design, build, maintain, test, and release applications and data
manipulation tools in C/C++, C#/LINQ. I use GIT for configuration
management, Azure DevOps for SDLC and continuous integration.

Experience

Metromile
Sr. Software Engineer -- Backend
November 2021 - Present (1 year 6 months)
San Francisco, California, United States

Backend developer maintaining monolithic and micrservice web applications.
Applications. TypeScript front end, Java back end, ASW and other storage.
System maintained using GIT, Jira DevOps, Jenkins, Splunk, and custom
tools. Worked on Java middle piece and created an Angular tool to process
local files.

Languages: Java, TypeScript/JavaScript, HTML, CSS, Bash Sheell.
Tools: JetBrains suite, Maven, GIT, Fiddler, Splunk, Jenkins, Visual Studio.

WinMax
Software Developer
January 2020 - Present (3 years 4 months)
Redmond, Washington, United States

Debug and enhance machine learning tools in C# for Microsoft. Build new
tools in SQL, C#, C/C++, and TypeScript/JavaScript. Design, implement, test,
and deploy web applications, Windows Presentation Framework (WPF) and
Universal Windows Platform (WPF) desktop applications.

City-State, LLC
Senior Software Engineer
October 2018 - January 2020 (1 year 4 months)
Richland, Washington, United States

Develop and maintain regulatory software tools in C#, SQL, and TypeScript/JavaScript for Washington River Protection Solutions (WRPS) and Dept. of Energy (DoE), Hanford. Designed, implemented, and tested engineering libraries, full stack angular / .NET Core / SQL Server applications. Developed tools for data migration between different schema.

Boeing
Programmer / Analyst
December 2005 - March 2018 (12 years 4 months)
Bellevue

Senior Software Programmer Analyst: Worked as part of a team that maintains and enhances maintenance and related manuals for Apache, Little Bird, and Chinook helicopter programs. Solutions use Agile methodology to maintain applications in C# and SQL. Current platform uses .NET and SQL Server. Solutoins include flat file parsing, windows form and XAML user interfaces, and T-SQL / ADO.Net queries and stored procedures.

Previously, I worked as part of a small team on various programming tasks for migration of WIRS, an IMS/COBOL mainframe application, to a SQL Server/C++ solution, WIRS 2.0. Tasks include mimicking the mainframe logon process with a RACF like account validation; testing tools for checking test results; and tools SQL Server database comparison. Received 2016 Engineering Excellence Team Award and 2017 Meritorious Invention Disclosure for this work.

Developed an MVC / ASP.Net replacement for wire bundle tool call EWITS/Replaced Access database / VBA solution with a C#, MVC, and Entity Framework one. Project suspended from a budget shortfall. Maintained other wire bundle tools that use Access, PL/SQL, C#, VBA , Oracle Forms, and HTML to access SQL Server, Oracle, and Teradata databases.

Maintained high volume data management and distribution software. Supported existing AIX/BerkeleyDB solution and developed a C# windows service / web service / SQL Server replacement. Used TPL and LINQ to improve throughput and scalability. Used Test Driven Development to improve quality.

Aditi Technologies
Consultant
August 2005 - December 2005 (5 months)

Consultant for Microsoft. Built tests in C# and XML for validating Vista photo library metadata code. Photo album access metadata stored with digital images. Test system exercised each meta-data field with positive and negative tests. Because of the large number of possible values, wrote a code generator on an XML database to generate test code.

Education

Seattle University
Master's degree, Computer Software Engineering · (1989 - 1992)

Case Western Reserve University
Bachelor of Science in Engineering (BSE), Hydraulics and Fluid Power Technology/Technician · (1974 - 1980)