Andrew C. Hill

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Summary

Driven developer with a passion for coding. Sees projects through from design to completion, often as the solo or lead dev. Understands working with legacy codebases and minimizes technical debt at every step. Top-tier Google-Fu, and always that guy on the team who will write a script that streamlines a process for everyone.

Experience

Mitten Building Products | Software Developer   Brantford
C#, SQL, ASP.NET, JavaScript, Azure DevOps   Jan. 2015 - Present
   - Fixed bugs and developed features for an ERP/CRM system used by 200+ users.
   - Configured CI/CD processes in Azure DevOps.
   - Built SSIS packages to process Excel sheets into SQL tables.
   - Designed SOX compliant work item management processes.
   - Wrote utilities for development team to streamline work item and Git branch management.
   - Used SSMS and SentryOne to diagnose and optimize SQL bottlenecks.
   - Interfaced with printer hardware to build powerful controls for production line.
   - Integrated 3rd party order entry system with existing ERP.

Steelway Building Systems | Software Developer   Aylmer
C#, SQL, ASP.NET, JavaScript, Java, SharePoint   June 2011 – Jan. 2015
   - Independently designed, developed, and maintained software for on-site technicians to perform inspections on equipment, including a backend database in SQL, a Windows Forms frontend in C#, and a native Android app in Java.
   - Provided phone and email support for users with varying levels of technical knowledge.
   - Built SSRS reports according to stakeholder specifications.
   - Maintained custom SharePoint workflows which handled order process tasks and notifications.
   - Wrote a C# service which synchronized data between multiple SQL and Access databases.
   - Created ASP.NET web apps in C# to act as custom frontends for existing ERP and CRM systems.

Skills

Languages	C# (9 years), SQL (9 years), JavaScript, Java, Visual Basic, C++, Python
Technologies	ASP.NET (+Core), Git, Azure DevOps, Node.js, SSMS, SSIS, SSRS, Android Studio, SharePoint, Raspbian

Education

Fanshawe College
Computer Programmer Analyst, Advanced Diploma   2009 - 2013

Projects

twitch.tv/FishPlayStreetFighter   C#, JavaScript, Python, AutoIt
Created a popular video stream on Twitch.tv by writing scripts which detects the position of my fish in their aquarium and sends controller commands to a video game emulator based on their movements.

github.com/AndrewChill/Aquarius   C#, JavaScript
Maintained a public github repo that simplifies Twitch API integration so streamers can display predictions on-stream.

Workout Shuffle   Java, Android Studio
Developed and deployed a demo app to the Android app store to experiment with UI design and learn about the process.

andrewhilldev.com   Node.js, JavaScript
Maintained a personal website to stay up to date on emerging web technologies and frameworks.