Full Stack Software Engineer Full Stack Software Engineer Full Stack Software Engineer - Fulton Financial Freeport, FL Work Experience Full Stack Software Engineer Fulton Financial - Lancaster, PA 2017 to Present * Lead developer on Angular 5, Typescript, SASS, ASP .Net MVC C#, SQL Server web app; merge / extends features of multiple proprietary datasets enabling management of 401K assests. * Rapidly prototyped user interface design using Bootstrap and Angular Material libraries and feature sets to enable business leaders to visualize the potential of custom toolsets. * Reengineered security paradigm utilizing OWIN Token Authentication along side Active Directory Groups; efforts marked as best practice for future efforts; trained team members on use. * Build Restful API with 252 unique end points securely exposing critical business data to applications across bank; integrated dynamic Swagger documentation and sandbox for training. * Authored HangFire task to automate the scheduled import of data at specified time of day; fully automated the cleaning and merging of data from multiple endpoints into the target database. * Created robust testing suite for use along side continuous integration using NUnit to dynamically generate temporary database for unit, integration, and persistence testing purposes. Full Stack Software Engineer andCulture - Harrisburg, PA 2016 to 2017 * Lead developer on Supreme Court of Pennsylvania's Disciplinary Board site overhaul providing a fully responsive feature rich web experience for the organization and its customers. Website Url: https://www.padisciplinaryboard.org/ * Built submodule to manage massive attorney rule books using C#, ASP.Net MVC, Angular, Coffeescript, and a SQL Server database accessed via Entity Framework code first. * Member of small team assigned to rebuild andCultures company website integrating homegrown content management system allowing rapid updates of newsletters, employee info, job postings. Website Url: https://andculture.com/ * One-off projects include: connecting with third party APIs, Algolia search integration, explored use cases for Bluetooth Reelceivers, wired up an Arduino to react to environmental sensor data. Software Developer Computer Aid Incorporated - Harrisburg, PA 2016 to 2016 * Lead Developer on Pennsylvania's Juveniles Held Compliance Tool utilized by over 1,500 law enforcement facilities spanning the Commonwealth. * Identified and fixed preexisting SQL Server database design flaw resulting in an 85% cut in the databases physical size with zero loss of

functionality and repurposing critical server space. * Refactored the RDLC reporting system, enabling reports to function across browsers, and allowing for dynamic data compilation with on-demand statistics. * ASP.Net/VB.Net application deployment directly resulted in Pennsylvania being one of only three states to fully meet strict federal reporting requirements.

Superintendent of Training & Applications Developer 552 Maintenance Group - Oklahoma City, OK 2012 to 2016
* Sole developer on C# project serving 1.6K; work center saved $3K+ / 1.8K man-hrs annually * Developed C# app to merge 20+ reports from two legacy databases providing Excel and Word statistical reports creating "one-stop shopping" for users and improving training overdue rate 15% * Wrote VBA application to consolidate and clarify 100+ reports into a single excel file meeting critical training initiative and saving users nine hrs weekly in mundane data collection/analysis * Debugged and fixed Access DB handling training scheduling for 500+ training events a year

Education & Training Manager & Applications Developer 62 Aircraft Maintenance Squadron - Tacoma, WA 2008 to 2012
* Sole developer on C#/SQL database providing 11 work center generated career development pretests and status reports for supervisors leading to 100% pass rate for two consecutive years * Created database to manage upgrade training for over 120 aircraft maintenance personnel * Honored as Education & Training Manager of the Year, 2010 for org employing 136K personnel

Environmental Software Programmer Space and Missile Center - Colorado Springs, CO 2006 to 2008
* Developed C++ algorithm to calculate satellite footprint with its geosynchronous coordinates * Authored 65 page satellite footprint test plan and 3500 line of code to verify and validate software * Coded module to pinpoint exact spatial location of a satellite in two separate coordinate systems

Programmer Airborne Warning and Control System - Oklahoma City, OK 2002 to 2006
* Identified and fixed glitch to correctly process emergency data feed from downed pilot transmitter * Remedied AWACS target identification reporting error limiting possibility of a friendly fire incident * Designed capability to send critical messages to specific crew positions with a single command

Education
Masters of Art in Human Relations University of Oklahoma - Norman, OK 2016
Bachelor of Science in Computer Science Park University - Parkville, MO 2008

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