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| **MARK AMANNS** |

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| **PROFESSIONAL SUMMARY** |

*I have worked with computers, database languages and servers for many years, including as a programmer/analyst on a team supporting an insurance company’s systems. I have always been a problem solver with a detective mindset, having a zeal for seeking out solutions for both software bugs and detailed project designs. At Tech Elevator I updated and expanded my legacy coding skills to include today’s latest technology.*

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| **TECHNICAL SKILLS** |

* **.Net Language Fundamentals:** C# variables, data types, loops, conditional statements, exception handling, collections framework, I/O, MVC 5
* **Object Oriented Programming:** classes and objects, interfaces, inheritance
* **Web Application Development:** HTML, CSS, JavaScript, jQuery, Bootstrap, JSON, XML
* **Database Programming:** table design and creation, SQL queries, techniques and priorities during conversion
* **Windows and SQL Server experience:** monitoring COM objects and server status
* **Legacy database programming experience:** many years with Visual FoxPro versions 6-9, FoxPro for DOS/Windows, dBase for DOS

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| **EDUCATION** |

***Tech Elevator*** *– Cincinnati, OH*  *September 2018 – December 2018*14 week .Net coding boot camp and in-person educational platform focused on developing dynamic workstation and web-based software systems using .Net programming language and platform, C#, MVC 5, SQL Server and related frameworks.

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| **PROFESSIONAL EXPERIENCE** |

***Robert Half Staffing*** – Cincinnati*, OH January 2019 – Current*  
Technology Support – Short term projects including roll-outs with Mercy Health and K12 testing.

***Transamerica Retirement Solutions*** – *West Chester, OH May 2001 – February 2017*  
Senior Systems Analyst – Programming languages: Visual FoxPro versions 6-9, dBase 5 for DOS, JavaScript, XML, Java, Eclipse, SQL Server.

***Charles H. Mack & Associates*** *(acquired 2014 by AssureCare) – Cincinnati, OH May 1998 – February 2001*  
Programmer/Analyst – Programming languages: FoxPro for DOS/Windows, Visual FoxPro version 6, Visual Basic 6**.**

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| **TECHNICAL PROJECTS – Transamerica Retirement Solutions** (2001 - 2017) |

* **System Expansion:** About 2004 the site’s retirement record keeping system was enlarged since it exceeded its design limits. Plan sponsor count of nearly 3500 had exceeded 999 digits for 3 character field (new design: 5 digits) and some plans had exceeded 9999 participants (new design: 5 digits). Once the max number had been reached the staff had started using alpha characters so upgrade required careful transformation back to digits. Upgrade developed over the summer, with the code and data all upgraded during the long Labor Day weekend.
* **Post-expansion staff aid:** Due to the complexity of plan and participant alpha/number changes above, I wrote a new menu item for the transition where the staff input the old number to obtain the new enlarged number.
* **Custom printer menu for DOS apps:** Until 2014 the legacy DOS apps required custom printer code since not Windows aware. Staff frequently crashed those apps when attempting to print. Also, the menu had maxed out the number of printers that could be selected. I reviewed the code, fixed the issues so it was crash-proof, added sub-menus for additional printers and then updated all DOS apps to properly call the custom print code.
* **System Conversion:** In 2013-14 wrote Visual FoxPro conversion code to convert dozens of legacy Xbase/Dbase DOS apps to Microsoft Visual FoxPro Windows apps.
* **System Conversion:** In 2015-17 participated with IT team to maintain existing code base while converting and pushing data (ETL) from apps using Microsoft Visual FoxPro free tables and SQL server databases to a Java platform in another division.
* **Record Keeping System support and enhancement:** Developed, modified, enhanced and debugged modules in OOP applications which processed, tracked and reported both sponsor aggregate and end user (participant) transactions with details based on retirement money sources, transaction types, fund selections, dates, gain/loss, interest earned/paid, balances, loans taken from multiple money sources, loan repayments, etc. Wrote dozens of reports for staff workstation use as well as website access.
* **Web site design and enhancements:** From 2001 to about 2012 our site maintained websites for retirement plan sponsors and participants to display status, activity and options to handle future contributions. I used HTML, JavaScript and some CSS for those pages.
* **Designed XML data exchange with remote site:**  About 2010-11 I was main contact and developer with remote team of business users in Los Angeles office designing XML process to add or update a retirement sponsor’s contract data to our site for feature and data interchange.
* **Q/A and bug fixes:** handling client reports of issues, bug research and coding solutions. One example: Some retirement participants were to be sent loan repayment schedules that were a penny off the expected amount, and throwing reports off. My research determined that a variance could exist of a penny or two between some calculations due to rounding, one method calculated a sum of the loan’s money sources (loan set-up) and the other method used a sum of the funds the loan amounts were pulled from (loan implementation), the participant would get one sum whereas the company recorded the other sum. The business manager implemented my fix.
* **Application Development:** Developed solutions using required database applications along with Java, XML, JavaScript, VBScript, SQL Server databases, ASP and COM apps on servers on an as needed basis.

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| **TECHNICAL PROJECTS – C.H.Mack & Associates** (1998-2001) |

* **Continuum of Care (senior services) system support and enhancement:** Developed, modified and debugged all modules for a software recording, tracking services and logging events system used by Cincinnati’s Council on Aging and other counties in Ohio and other states.
* **Y2K compliance testing and modifications:** Handled all Y2K concerns in 1998-99 for Y2K two character date issues in file names, field contents, memory variable structures, code comparisons, etc.
* **System Conversions:** Wrote Visual FoxPro conversion code in 2000-01 to convert and push data (ETL) from FoxPro for DOS/Windows systems which had used free tables to SQL server databases.