David J Stover
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Profile:

An experienced, multi-facetted software professional specializing in the structured design and development of application systems using relational database technology.

- Combines strong analytical skills with a logical, structured approach, to design innovative and detail-oriented solutions to complex data and processing issues.
- Adept in all phases of the software lifecycle, from defining requirements and system design; through development, testing, and documentation; to system administration, maintenance, and support.
- Excels in team environment in roles ranging from database administrator and project leader to writing code from specifications written by others.

Professional Experience:

Web Creations By Z - (East Greenville, Pennsylvania / WebCreationsByZ.com)   **2006-Present**
   Sole Proprietor – Development of websites, content management systems, and browser-based applications primarily using HTML, php and MySQL.

IMS Health - (Plymouth Meeting, Pennsylvania)   **1987-2005**
   Senior Oracle Database Administrator – (1997-2005) –UNIX server / Windows client environment.

Designed, managed, and supported; corporate data structures using Oracle. Systems ranged from core warehousing applications processing millions of transactions a week with dimensional provisioning from non-synchronized cyclical mainframe legacy systems, to independent targeted data marts supporting web based OLTP applications.

Development responsibilities included data modeling using ERwin, schema implementation, and ETL routines, as well as writing database procedures in PL/SQL to manage temporal data, handle partitioning, or perform post load processing. In addition to on-call support, post-implementation chores required the planning and on-time execution of phased updates to applications as well as system software upgrades.

   Project Lead (1995-1997, 2001) – Negotiated and documented data and functional requirements with external clients; designed and wrote detailed specifications for subordinate team members; and developed applications in a multi-platform environment using PL/SQL, Visual Basic, COBOL and SAS.

   Project Coordinator (1993-1994) – Coordinated activities between functional development groups and acted as liaison between development and marketing for a project that consolidated 23 stand-alone application systems to use a single set of transaction and support files. Researched, negotiated and extensively documented issues and resolutions regarding both technical and business related aspects of the project while writing support routines in COBOL and SAS.

   Software Engineer (1987-1992) - Developed, implemented, and maintained pharmaceutical market research applications primarily written in SAS, PL/I and COBOL going against an IDMS database in an IBM Mainframe environment.

Computer Task Group - (Bethlehem / Philadelphia, Pennsylvania)   **1983-1987**
   Software Consultant - Designed, developed and deployed custom decision support subsystems written in SAS and Cobol in an IBM Mainframe / IMS database environment. Systems included data collection, storage, and reporting functionality. Clients included Bell Atlantic, Bethlehem Steel, Blue Cross, GE, and RJR Nabisco.

Education:

Indiana University of Pennsylvania (Indiana, Pennsylvania)
   Bachelor of Science with honors in Computer Science, December 1982.