

Chas. J. Owens IV

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SUMMARY

- DBA/developer whose primary experience has been with C, Perl, and Korn Shell on UNIX platforms.
- Have spent most of my career working closely with Informix versions 7.1, 7.3 and 9 and recently DB2 8.2.
- Acted as a subject area expert for other developers.
- Thrived in roles that required the wearing a variety of hats, and enjoyed serving as a liaison among different departments.

EXPERIENCE

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| 3/2008 – current | Test Pros, Inc. / Paxfire, Inc. |
| QA Analyst | Sterling, VA |

Hired by Test Pros to provide testing and automated testing development services to Paxfire as a contractor and was hired directly by Paxfire after three months.

Duties included:

- Developed test cases for web, proxy, and custom servers
- Wrote of code to automate test cases
- Created and maintaining a test lab
- Performed system integration work

Technologies worked with:

- Perl 5.8, BASH, ANSI C, and C++
- CVS, Subversion, Seapine SCM, and Seapine TestTrack Pro
- Squid and Apache 2

Accomplishments:

- Developed a test suite to run regression tests against web, proxy, and custom servers
- Created mock servers to stand in for external resources to allow more rigorous testing

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| 3/2007 – 3/2008 | Atlas Solutions, Inc. |
| Senior Software Developer | Bethesda, MD |

Executed a one year contract to provide development and management services to Marriott, International, Inc.

Duties included:

- Wrote code to transform data using Perl, Java, SAS, and Unix Utilities
- Troubleshot existing processes
- Wrote extracts/reports using SQL and Perl to meet client needs
- Acted as production support for several processes
- Was a lead developer with three subordinates

Technologies worked with:

- Oracle and MySQL
- Perl 5.8, JAVA, Korn Shell, and Ruby (with Rails)
- PVCS, CVS, and Subversion
- MQ Series

Accomplishments:

- Had first chance to touch Ruby professionally
- Learned more about SAS

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| 1/2006 – 3/2007 | TRX Inc. |
| Senior Software Developer | Vienna, VA |

Duties included:

- Wrote code to transform data using Perl, XSLT, and Unix Utilities from various formats to an internal format
- Wrote code to load data into DB2 using the DB2 CLP
- Wrote extracts/reports using SQL and Perl to meet client needs
- Acted as production support for several processes

Technologies worked with:

- DB2 8.2.4 and MySQL
- Perl 5.6, Perl 5.8, and BASH
- MKS Source Integrity and Integrity Manager

Accomplishments:

- Created a test/development environment using VMWare Server and VMWare Player.
- Learned enough about Java to be dangerous in it.

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| 2/2005 – 1/2006 | Global Technical Talent |
| Technical Consultant | Chevy Chase, MD |

Executed a one year contract for GEICO to migrate a group of Informix databases on Solaris to DB2 on AIX.

Duties included:

- Analysis of existing Korn shell, ESQL/C, and SAS code
- Creation of migration documents to describe changes needed to make the code work with DB2
- Change existing code to work with DB2
- Test code changes
- Manage 2.5 other developers
- Support (for a limited time) the newly moved databases in production
- Setup and administer a CVS repository

Technologies worked with:

- DB2 8.2.1, Informix 8.4, and Informix 9.4
- ESQL/C and Korn Shell
- CVS

Accomplishments:

- Instituted a source control policy
- Created a migration guide aid in training new and existing developers in the differences between Informix and DB2
- Served on the Architecture Review Board

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| 5/2003 – 11/2004 | S3 |
| Technical Consultant | Richmond, VA |

Executed one year contract (plus a six month extension) to provide services to Capital One (EPS and Insight departments)

Duties included:

- Coded and Tested Perl and Korn shell scripts for EPS and Insight departments
- Participated in table design for Insight department
- Setup data Translation using Sterling Commerce's Gentran Server for UNIX 6.0
- Created Process Flows and other documentation for new and existing processes
- Third level production support for existing system

Technologies worked with:

- Perl 5.6 and Korn Shell
- DB2 8.1.4 and Oracle 8i

Accomplishments:

- Started a Perl users group at Capital One (COWPLUG)
- Wrote a generic cross-platform file transfer solution (scp/ftp) using Perl
- Became very familiar with the NACHA standard

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| 3/2003—5/2003 | Robert Half Technology |
| Contractor | Orlando, FL |

Executed a two month contract to provide services to American Pioneer Title Insurance Company.

Services included:

- Reverse engineered an external Informix database
- Extracted and manipulated data using ESQL/C and Perl
- Built SQL queries based on observed behavior of a third party application
- Installed and configured Red Hat Enterprise Linux AS, Informix, and Oracle

Technologies worked with:

- Perl Database interfaces (DBD::Informix and DBD::Oracle) and ESQL/C
- Linux (RHEL AS), Oracle 9i, and Informix 7.3 and 9.3

Accomplishments:

- Produced accurate SQL statements from observed behavior of a legacy third-party green screen application and system tables (no schema was provided) that allowed creation of a Windows Application with more capabilities than the original application
- Brushed up my ESQL/C skills

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| 5/2000 – 10/2002 | Intercall |
| DBA/Developer | Atlanta, GA |

Duties included:

- Wrote and maintained backend processes in Korn shell, Perl, and Informix SPL
- Designed new database structures and modified existing ones
- Provided SQL help to developers
- Peer-reviewed ESQL/C, Perl, and SQL code
- Acted as the local UNIX/Linux guru (installs, config, tutorials, etc.)

Technologies worked with:

- Informix 7.3 and 9.x
- Stored Procedure Language, ESQL/C, and Perl (with the DBI)
- Voyant Readivoice and Compunetix Bridges

Accomplishments:

- Wrote an OO Perl module to replace an aging SPL interface to Voyant Bridges
- Moved other Dev/DBAs to Linux as their primary workstation
- Lead push to get Informix and copy of production DB installed on each Dev/DBA's Linux box (reducing the amount we stepped on each other during development)

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| 1/1997 – 5/2000 | Appropriate Technologies, Inc. |
| Software Engineer | Chesapeake, VA |

Duties included:

- Maintained several Plexus AD16 (Informix 4GL like language) programs
- Ported and maintained ESQL/C programs from AIX to HP-UX and Solaris
- Designed, coded, and tested ESQL/C applications for a many types of UNIX
- Designed and coded stored procedures to support a PowerBuilder application
- Designed new database structures and modified existing ones
- Provided SQL help to developers

Technologies worked with:

- Informix 7.x and Oracle 8
- Informix 4GL (as Plexus AD16), Informix SPL, and ESQL/C

Accomplishments:

- Learned Informix 4GL (as Plexus AD16) SQL, SPL, and ESQL/C
- Learned Database Design

SKILLS

| Programming Language | Level of skill | Years Used |
|----------------------------|----------------|------------|
| Perl 5 | Expert | 9 |
| Korn Shell | Expert | 12 |
| Bourne Shell | Expert | 12 |
| SQL | Expert | 7 |
| ANSI C | Expert | 4 |
| ESQL/C | Expert | 3 |
| Informix Stored Procedures | Expert | 4 |
| Plexus AD16/Informix 4GL | Expert | 2 |
| BASH | Intermediate | 12 |
| XSLT | Intermediate | 1 |
| SAS | Beginner | 1 |
| Ruby | Beginner | 1 |
| Java | Beginner | 1 |
| Lisp/Scheme/Haskell | Tyro | 1 |

| Operating System | Level of skill | Years Used |
|--------------------------|----------------|------------|
| UNIX (general) | Expert | 12 |
| Linux (multiple flavors) | Expert | 12 |
| Solaris | Expert | 7 |
| AIX | Expert | 3 |
| HPUX | Intermediate | 4 |
| BSD (OS X) | Intermediate | 1 |
| Microsoft Windows | Expert | 12 |

| Relational Database | Level of skill | Years Used |
|---------------------|----------------|------------|
| Informix | Expert | 5 |
| DB2 UDB | Expert | 4 |
| Oracle | Intermediate | 3 |
| MySQL | Intermediate | 2 |
| MS SQL Server | Intermediate | 2 |
| PostgreSQL | Intermediate | 2 |

| Miscellaneous | Level of skill | Years Used |
|------------------------|----------------|------------|
| ClearCase | Intermediate | 2 |
| ClearQuest | Intermediate | 2 |
| Subversion | Intermediate | 1 |
| CVS | Intermediate | 5 |
| PVCS | Intermediate | 2 |
| MKS Integrity Manager | Intermediate | 1 |
| MKS Source Integrity | Intermediate | 1 |
| CSS | Beginner | 1 |
| HTML | Intermediate | 1 |
| XML | Intermediate | 2 |
| Gentran Server 6.0 | Intermediate | 2 |
| Seapine Test Track Pro | Intermediate | 1 |
| Seapine Surround SCM | Intermediate | 1 |
| Squid | Beginner | 1 |
| Apache 2 | Beginner | 1 |

REFERENCES:

Gary Scopel – Product Manager
Appropriate Technologies, Inc.
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Mike Morgan – Director, Information Services
Intercall, Inc.
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Lance Coffee – Senior Software Engineer
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Kevin Bumgarner – Senior Application Developer
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Kevin Costello – Lead
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Chris Moretz – Senior Software Developer
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Joe Ogulin – Senior Software Engineer
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