

# 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

<b>3/2007 – 3/2008</b>	Atlas Solutions, Inc.
<b>Senior Software Developer</b>	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
- Troubleshoot 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 SeriesMKS Source Integrity and Integrity Manager

### Accomplishments:

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

<b>1/2006 – 3/2007</b>	TRX Inc.
<b>Senior Software Developer</b>	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
- MySQL
- Perl 5.6 and 5.8
- BASH

### Accomplishments:

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

<b>2/2005 – 1/2006</b>	<b>Global Technical Talent</b>
<b>Technical Consultant</b>	<b>Chevy Chase, MD</b>

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 9.4
- ESQL/C
- 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

<b>5/2003 – 11/2004</b>	<b>S3</b>
<b>Technical Consultant</b>	<b>Richmond, VA</b>

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 department
- Coded and Tested Perl and Korn shell scripts accessing a DB2 database (inserts, updates, selects) for Insight department
- 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:

- File Transfer Solutions (Net::FTP, Net::SCP, command line ftp)
- Database interfaces (DBD::DB2 and DBD::Oracle)
- Email (Mail::Sendmail on MS Windows and MIME::Lite on UNIX)
- DB2 8.1.4 and Oracle 8i

Accomplishments:

- Started a Perl users group at Capital One (COWPLUG)
- Wrote a generic crossplatform file transfer solution using Perl with the DBI, DBD::DB2, Net::FTP, Net::SCP
- Became very familiar with the NACHA standard

<b>3/2003—5/2003</b>	<b>Robert Half Technology</b>
<b>Contractor</b>	<b>Orlando, FL</b>

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 greenscreen application and system tables (no schema was provided) that allowed creation of a Windows Application with more capabilities than the original greenscreen application
- Brushed up my ESQL/C skills

<b>5/2000 – 10/2002</b>	<b>Intercall</b>
<b>DBA/Developer</b>	<b>Atlanta, GA</b>

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)

<b>1/1997 – 5/2000</b>	<b>Appropriate Technologies, Inc.</b>
<b>Software Engineer</b>	<b>Chesapeake, VA</b>

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	7
Korn Shell	Expert	10
Bourne Shell	Expert	10
SQL	Expert	7
ANSI C	Expert	4
ESQL/C	Expert	3
Informix Stored Procedures	Expert	4
Plexus AD16/Informix 4GL	Expert	2
BASH	Intermediate	10
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	10
Linux (multiple flavors)	Expert	10
Solaris	Expert	7
AIX	Expert	3
HPUX	Intermediate	4
BSD (OS X)	Intermediate	1
Microsoft Windows	Expert	10

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