

# Scott MacKenzie

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## Overview

Software developer and manager with an aptitude for bridging the gap between executives, the business area and programmers. Strong relational database designer with both leadership and development skills to see a project through from design to implementation. Experienced in working with large scale financial applications. A strong self-learner that can quickly adapt to new environments.

## Qualifications

- Managed the design and development of SunGard's iWorks Annuity application.
- Managed Loxodrome Software consulting firm.
- Extensive experience with Oracle Forms and PL/SQL programming
- Knowledgeable in Oracle performance tuning
- Led the design/development of actuarial data warehouse extracts from Compass iWorks.
- Managed the design/development of large legacy system data conversion projects.

## Technical Skills

Skills	Experience	Total Years	Last Used
PL/SQL	Strong	15+	Current
Oracle Forms v4.5	Strong	10+	2010
Oracle Performance Tuning	Strong	5+	Current
COBOL	Strong	10+	2001
SQL*Loader	Moderate	2+	2005
Oracle Designer	Moderate	3+	1996
HTML/CSS	Moderate	5+	Current
PHP	Moderate	4+	Current
XML	Moderate	4+	Current
Java Script	Learning	1+	Current
Java	Learning	1	Current

## Accomplishments

Managed the design and development of SunGard's iWorks annuity application. The application was extremely flexible and was popular in the international insurance marketplace. Designed the "dynamic process definition" which allowed for clients to customize how their financial processes would work.

Managed Loxodrome Software, a software consulting firm working with clients of SunGard's iWorks application. Annual sales revenue of \$700,000.

Worked extensively with US and international clients, both as part of SunGard and LoxSoft. Interfaced with senior management, project managers and end users. Kept clients abreast of project status and delivery timelines. Ensured that programmers had full details of requirements and monitored progress.

Designed and developed LoxSoft's NaviX utility. This PL/SQL Oracle (and now PHP/MySQL) tool is currently used in production environments to copy business objects between databases.

Worked with actuaries of two major insurance companies to design and develop a data warehouse extract from Compass iWorks to actuarial pricing and modeling systems.

## Work Experience

### Loxodrome Software – Meredith, NH

May 1999-current

*Loxodrome Software is a limited liability corporation (LLC) founded in 1999 to service clients of SunGard's iWorks annuity application. LoxSoft provides peripheral services, such as conversions, data extracts, reports and on-going support. We achieved annual sales revenue of \$700k.*

Designed LoxSoft's NaviX ETL tool. This dynamic utility greatly simplifies the process of copying data from one environment to another. Clients use this tool extensively to copy new products from development to test to production and to copy sample policies from production to test. Programs and screens written in PL/SQL, XML.

Responsible for the development and implementation of 6 major data conversion projects from assorted legacy systems to SunGard's Compass application. The conversions ranged from 10,000 to 130,000 policies with full financial history (millions of financial records). Performance and accuracy were both critical. Programs and screens written in PL/SQL.

Worked directly with the actuarial departments of two international insurance companies to design and develop a monthly actuarial data warehouse extract from SunGard's iWorks application to pricing and modeling systems. This extract improved the ability to determine product profitability. Programs written in PL/SQL, XML.

Designed and developed an AnnuityNet upload application that automatically loads policies onto SunGard's Compass application from standardized NSCC files. This tool greatly enhanced the client's ability to process new annuity applications. Programs written in PL/SQL.

Assisted in the identification of problem SQL in thousands of COBOL programs by developing LoxSoft's COBOL Inspector tool that parses COBOL programs and reviews the SQL for performance issues. Programs written in PL/SQL.

Created LoxSoft's cloud timesheet tool using PHP/MySQL. This tool greatly enhanced our ability to accurately track time and supported automatic creation of client billing and expense reimbursement documents.

Created LoxSoft's website using PHP.

## SunGard Insurance Systems – Natick, MA

May 1983-May 1999

*SunGard provides IT solutions for the insurance industry in each of the following major business lines: life/health/annuities/pensions, property and casualty, reinsurance and asset management. SunGard offers a range of solutions from front office tools and policy administration to back-office reinsurance, actuarial calculations, financial and investment accounting and reporting, to more than 1,500 insurance companies worldwide.*

1998 - Managed the Natick, MA office (currently located in Burlington). This office consisted of 100+ professionals that developed, tested, documented and delivered SunGard's iWorks annuity application. We successfully installed this multi-million dollar application at 10 international insurance organizations.

Provided training classes to new programmers joining the SunGard development team. These technical classes got into the details of the system architecture and programming standards. Provided training classes to end users (on-site). These classes were business oriented classes that provided instruction on how best to configure iWorks for their needs.

1993 - Managed the 3 year redesign and development of the iWorks application. Oracle Designer was used to create a full set of entity relationship diagrams. The logical model was then converted into a physical database model. Worked with a small design/development team to define, design and create the iWorks application. With thousands of programs and hundreds of screens, this application is the cornerstone of SunGard's annuity applications.

1989 - Managed the conversion of SunGard's MAAS annuity application from an HP/Image BASIC application to a COBOL/DB2/CICS application. This successful conversion allowed a major US carrier to greatly expand the business it could process on the system.

1985 - Managed a number of SunGard US and international customers. Assisted these customers in the design and configuration of SunGard systems to meet their needs. Each of these customers is still using the system currently.

1983 - Programmer for a new 401(k) annuity management system called MAAS. Worked with US clients to design and develop a commission processing system.

## Education

University of New Hampshire

B.S. Mathematics

graduated: 1980