**JOSEPH L. LAUTH**

***Objectives***

Rewarding career in information technology

***Education***

January 2006 Bachelors of Science

Major: Computer Science Metropolitan State University St. Paul, MN

**5100 Roberts PI.**

**Edina MN 55436 Phone: 612 214 5807** [joelauth@q.com](mailto:joelauth@q.com)

Course curriculum taught using primarily Java. Experience using J2EE to include servlets, JSP's, JavaBeans, JDBC accessing MySQL. Experience in using IDE's Eclipse, Netbeans and JBuilder. Followed Model View Controller paradigm. Other languages include C, C++, Motorola assembly and Lisp.

March 1991 Associate of Applied Sciences in Biomedical Equipment Technology

Northeastern Metro Tech Institute

Saint Paul, MN

***Professional experience***

*April 2017 – Current Software Engineer*

*Accenture*

*333 So. 3rd Street*

*Minneapolis, MN*

*Python Scripting*

*Tomcat Server development – Java EE*

*Oct 2014– April 2017* ***Software Engineer/production support***

*Olson Advertising*

*420 North 5th street*

*Minneapolis, MN 55401*

*Production Support of ‘Tally’ customer rewards engine*

*Debugging Java code, using SOAP UI to invoke server based webservices*

*Extensive MS SQL querying, update, insert, and delete statements on large number of rows*

*Monitoring tool ‘Splunk’, ‘Jenkins’ continuous integration tool*

*Git/Hub*

*Working with QA to test code and script*

*Nov 2012 – Oct 2014* **Programmer /Analyst**

Seagate Technology

Bloomington Minnesota

Java programming

Convert excel and csv files into intermediate format

To facilitate uploading to Oracle DB

Use of SQL and Oracle PL/SQL

Member of ‘Data Project Team’ objective is to provide a method to autonomously convert inspection machine output (Wyko and AFM) to flat files using Java programming into proper form for loading into an Oracle database.

Debugging java code and SQL manipulation extensively used. Documentation of created java code, meeting and working with customers to satisfy their requirements.

*Oct 2007 – Oct 2012* **Programmer/Analyst**

**American Medical Systems**

10700 Bren Road West

Minnetonka MN 55343

Database development primarily Oracle

Embedded script within HTML pages using VB script

Procedure writing using PL/SQL

Writing View code and queries to support database reporting using SQL

Xml code support and C# code to parse and read XML

Microsoft Access database support and Forms development

AMS sponsored studies related to their products at various clinics worldwide, clinicians would use a web based tool to populate an Oracle database with study metrics. This web based tool would build itself based on information in Oracle data tables that were designed by the program team, in addition the database would hold PL/SQL procedures also designed by the program team that constituted ‘edit checks’ to clean the data before entry into database table. These PL/SQL procedures executed in the database (back end) .Also wrote Visual Basic ‘edit checks’ in VB script which were executed within the browser (front end) which were edit checks that executed on the clients machine as opposed to a centrally located database.

Sept 2006 – Oct 2007 **Systems Analyst**

**Boston Scientific Corporation** 4100 North Hamline

St. Paul MN

Database development primarily Oracle

Embedded script within HTML pages using VB script

Procedure writing using PL/SQL

June 1998 - Sept 2006 **Equipment Support Technician**

**Guidant Corporation**

4100 North Hamline

St. Paul MN.

Maintain, calibrate, repair and validate production equipment used in the manufacture of

pacemakers and implantable defibrillators.

Oct. 1997 - Mar. 1998 **AMJ Equipment Corporation**

Lakeland FI

Engineering Assistant

Troubleshoot flow meter PCBs designed by engineer and maintenance of water test tank

July 1996 - Oct. 1997 ***Equipment Technician***

**Medi-Health Care**

401 Bartow Highway Lakeland, FI

Feb 1993 - June 1996 ***Bio-Medical Equipment Technician***

HealthEast Med home

2579 Territorial Road

Saint Paul. MN

+ Repair, maintain, calibrate and safety test HealthEast hospital and clinical equipment

+ Maintain equipment repair and safety records

Perform in-services to hospital staff on the use of their equipment

June 1991 - Jan 1993 ***Ultrasonic Technician***

Forward Technology Inc.

13500 County Road 6

Plymouth, MN 55441

+ Repair of ultrasonic bonding machines

* Repair ultrasonic generators
* Assembly of custom machines for ultrasonic bonding to include automatic loading