

JESSICA CLAIRE

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PROFESSIONAL SUMMARY

To obtain a Python programmer position that will utilize strong technical and analytical skills. Certified Software Developer Professional with more than 10 years of experience in building software applications and programming. Solid experience in software design, development, testing, deployment, and customer support. Strong expertise in database usage. Skilled in object oriented programming techniques. Excellent team player, able to work under pressure, eager to work in challenging environment, capable of meeting deadlines.

HIGHLIGHTS

- Python Numpy Pandas PostgreSQL
- JavaScript PHP HTML5 CSS WordPress WAMP IIS7
- SAS/Base SAS/Stat SAS/Macro SAS SQL
- Delphi VS/ 7/5/3/2 PowerBuilder4/3 Clipper
- MySQL MS SQL Server 2005 DB2 Oracle 8 Advantage 8.1
- Linux Windows 7/Vista/XP Windows 2008 R2 server Windows 2000/98/95
- Fast Learner
- Dependable
- Detail oriented
- Business-users-friendly developer

ACCOMPLISHMENTS

Developed software applications in diverse set of IT environments. Moved from established to new programming tools to meet management requirements. Successfully communicated to the team members and business users.

EXPERIENCE

01/2014 to 01/2015 **Python Programmer**

Icf International, Inc – Minneapolis, MN

- Performed ETL operations over business data including data extraction from source files in different formats, its transformation and loading to PostgreSQL database.
- Generated charts and reports using Pandas modules to analyze data stored in database and in files.

01/2011 to 01/2014 **SAS Programmer**

BOS Computer Software, Inc – City, STATE

- Developed SAS software that loads information from vendors files in csv, txt, and excel formats into SAS data sets.
- Performed descriptive statistical analysis using PROC MEANS, FREQ, SUMMARY, PIVOT TABLE for group of items.
- Reports provided assistance in building store marketing strategies for price optimization, size optimization, assortment planning, loss prevention and forecast customer demand.
- Generated various standard reports using SAS SQL and SAS procedure.

01/2005 to 01/2010 **Senior Delphi Programmer**

City, STATE

- All Projects cover business activities of a Supermarket Chain.
- Project: Implementation of IBM Point-of-Sale (POS) software Took part in mapping and creating a bridge between the store database and IBM POS software.
- Created the database stored procedure for initial data loading from the store tables to the IBM site.
- Project: Software for Perishable Items Designed and developed Purchase Orders Software for Perishable Items.
- Software lets users quickly make orders from any vendors for any store and department.
- Designed Purchase Orders templates which were easy to fill-in, print, and email to vendors.
- Created summary and detailed reports for Purchase order.
- Project: Loading Data from Register to Store Created Server application which performs data transfer from each Register DBF Database to the Store Advantage Database.
- Created the Register report which is using multiple criteria.
- Project: Point of Sale Software.
- Rewrote Point-of-Sale application from the version developed in Clipper and using DBF database to Delphi language and Advantage Database.

01/2003 to 01/2005 **Senior Delphi Programmer**

NA – City, STATE

- Executive Information System.
- This application was built for top-level managers of the company using Delphi 7 as a front-end and Oracle 8 as a back-end.
- The application allows retrieving company and its subsidiaries sales data on monthly basis.
- Sales data includes actual, forecast and budget numbers.
- Screens were designed to drill-down from the company level to the level of products and cost centers.
- Created screens for business users - accounting personnel to maintain master data.

01/1996 to 01/2002 **Senior Delphi Programmer**

BOS Computer Software, Inc – City, STATE

- Project: Health and Disease Tracking system.
- Designed, developed a huge collection of forms, reports, components (more than a hundred in number) for a significant Client/Server project (more than 1000 authorized users in all 5 boroughs of NYC are supposed to have access to the application).
- The project allows the Department of Health to gain control over the spread of communicable diseases and provide a proper guidance to the public like Maternity Health Services.
- The system was designed to communicate to both DB2 and Interbase Databases.
- Built templates to facilitate implementation of inheritance.
- Made a main screen that provides users with the ability of finding a patient in the databases according to dynamically chosen criteria.
- Designed and developed the user tools to maintain application data.
- On the database level those tools generate dynamically built SQL statements and execute them against up to 25 tables within one database transaction.

01/1984 to 01/1994 **Senior Programmer/Analyst, Scientist**

Department Of Health – City, Russia

- Project: Natural Gas Extraction and Distributing System.
- Created a mathematical model and developed algorithms for distribution natural gas.
- Developed programs to input and store data and perform calculations of aggregated parameters, describing natural gas extraction, transportation, and distribution.

EDUCATION

MS: Applied Mathematics
Moscow State University

Certificate of Achievement for: Python Programming, The University of Texas System through edX, SQL Server 2005, HTML5, Online Expert SAS Certified Programmer, Chiron Training Center PowerBuilder Certified Programmer

SKILLS

Python, PostgreSQL, ETL, statistical analysis, PHP, MySQL, IIS7, JavaScript, CSS, HTML5, Windows, Linux, SAS, SQL, Delphi, Interbase, MS SQL Server, POS, Department of Health, Client/Server, PowerBuilder, IBM, Oracle, DB2, Clipper