

C++

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- *Around 8+ years of IT experience in Analysis, Application Development, Maintenance, Driver Development, and Widows System Programming.*
- *Effective in leading applications and driver development with end-to-end responsibilities using C,C++ and Client/Server Technologies with exposure to different domains like Health Care and Retailing.*
- *C/ C++ developer with experience in object oriented analysis and design (OOAD).*
- *Experience in LINUX IDE for C/ C++, UNIX Shell Scripting and Knowledge in Perl, python scripting.*
- *Good understanding of various software development models like Agile, Waterfall, and Spiral.*
- *Exposure to scripting tools like Python and Shell Scripts*
- *Worked on Medicare and MMIS projects*

- Worked on EDI transaction 270/271, 834, 837 etc
- Knowledge on US Health Care Industry, Electronic Data Interchange (EDI), Health Level 7(HL7) and Health Insurance Portability and Accountability Act (HIPAA)
- Expertise in designing, developing middleware components for software in C/ C++ using STL, multithreading, data structures, IPC (TCP/IP socket programming), and design patterns.
- Experience in designing and developing middleware components for embedded systems, using C, C++, STL, multithreading (POSIX), Boost libraries and design patterns.
- Experience in developing C++ services using web services architecture, SOAP, WSDL and XML.
- Good working experience with GIT, Visual Source Safe, SVN, Crucible and JIRA.
- Strong knowledge and experience in Oracle 10g/11g database programming using SQL, PL/SQL, Stored Procedures, functions, triggers and other elements.
- Capable of meeting tight deadlines with excellent overall project and product development life cycle experience and team spirit. Excellent analytical and communication skills (verbal and written).
- Excellent experience in coordinating and implementing the activities planned with the Onsite/Offshore Development teams and Delivering within the stipulated time frame.

Work Experience

C/ C++ UNIX Developer

CVS Health

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Phoenix, AZ

January 2018 to Present

RESPONSIBILITIES

1. Providing system analysis, design, development, and implementation of applications and databases for client/server-, Web-, and/or PC-based software or middleware; integrating third-party products.

2. Translating technical specifications, and/or logical and physical design into code for new or enhancement projects for internal clients; developing code that reuses subroutines or objects, is well structured, includes sufficient comments, and is easy to maintain; writing programs, ad hoc queries, and reports.

3. Elevating code into the development, test, and production environments on schedule; providing follow-up production support; submitting change control requests and documents.

Learning and following software development methodology; learning and following architecture standards.

4. Participating in design, code, and test inspections throughout life cycle to identify issues; participating in other meetings, such as those for use case creation. Participating in systems analysis activities, including system requirements analysis and definition (e.g., prototyping), and logical and physical design.

- Work as a product client team developer on a variety of platforms including Windows,

Linux distribution using C++, QT4, Boost, libcurl.

- Analyze business and technical requirements, discuss with PMs and a team new features

and implement them:

- Development of new modules for UNIX C++ applications.
 - Working on the development of a cloud based multi-media applications streaming platform using C++ and Java under Linux environment.
 - Worked on modifying and creating new database objects and C/batch scripts for exports and imports with other vendors
 - Knowledge on 270/271 (Eligibility & Benefit Inquiry & Response), 276/277 (Claim Status Inquiry & Response) and 837 (Health Care Claim).
 - Javascript development for highly customizable and conducive User Interface for EPV.
 - Reading existing source code in C to determine current programming logic.
 - Used SQL for data integrity testing and coordinated with the trading partners to resolve Inbound and Outbound EDI errors.
 - Writing test cases for unit testing, performance testing and user acceptance testing.
- Developed C/batch processing jobs.
- Created new database objects like Procedures, Functions, Packages, Triggers, Indexes and Views using T-SQL in SQL Server.
 - Support on the ClearCase, RAID, LINUX, UNIX, host server load balancing and server optimization.
 - Developed resource and project plans to integrate the new DSS solution with the expected new MMIS system

- Created stored procedures and Written UNIX Shell scripts for testing the application and writing the SQL queries for Sybase database.

- Created SOAP web service in pushing data to downstream systems

Environment: C, C++, Sybase (SQL, PL/SQL), Oracle 10g/9i, Java, EDI, UNIX, C/Batch, STL, Linux, Shell Scripting, SOAP, Sybase, MMIS, Perl Scripting, COM.

C/ C++ UNIX Developer

Fidelity

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Cary, NC

March 2014 to December 2017

RESPONSIBILITIES:

- C and C++ development experience under Windows/Linux/Unix,
- Familiar with open source developer tools such as gcc, autoconf, automake, cmake, gnu make, valgrind, git, svn, etc.,
- Previously worked with various library APIs (libc, openssl, apache apr, expat, boost, pcre, etc.),
- Good knowledge of data structures and algorithms.
- Did programming in C on UNIX platform to contribute to the software project, which automated customized design process.

- Wrote a program in C, which converted programmer's interface between two different types of database.
- Supported the integration of the core technology libraries into other user-friendly front-end applications
- Performed as an EDI developer in Supply chain logistics life cycle.
- Working within a growing environment of 5010 HIPAA Transaction Processing 837, 835, 834, 820, 270, 271, 276, 277, 278, EDI, Privacy, Security, and Medicaid.
- Wrote SQL statements in conjunction with embedded database library to use SYBASE relational database.
- writing C batch programs to load the data from mainframe to the client application
- Maintained documentation for multiple systems and managed distribution of new BIOS releases for those systems.
- Wrote a program in C, which parses computer logs and then displays the summary in automatically generated HTML files.
- Wrote a script in Perl, which in conjunction with version control system built a particular version of application.
- Analyzed EDI translation errors that failed in the inbound and re-processed the EDI's without losing the information.
- Prepared Functional and Non-Functional requirements by analyzing the business requirements for MMIS, DLEG batch processes by using Multi-Threading.
- Worked in version control tool SVN, ClearCase.
- I was trained on the job in Agile software practices and I am familiar with fundamental

ideas of Agile practice.

Environment: C, C++, SQL, PL/SQL, EDI, UNIX, Linux, Java, Shell Scripting, MMIS, Sybase, Perl Scripting, UML.

C/UNIX Developer

Capital One

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Tysons Corner, VA

January 2011 to February 2014

RESPONSIBILITIES:

Applies specialized knowledge to conceptualize, design, develop, unit-test, configure, and implement portions of new or enhanced (upgrades or conversions) business and technical software solutions through application of appropriate standard software development life cycle methodologies and processes. Interacts with the Client and project roles (e.g., Project Manager, Business Analyst, Data Engineer) as required, to gain an understanding of the business environment, technical context, and organizational strategic direction. Defines scope, plans, and deliverables for assigned components. Understands and uses appropriate tools to analyze, identify, and resolve business and or technical problems. Applies metrics to monitor performance and measure key project parameters. Prepares system documentation. Conforms to security and quality standards. Stays current on emerging

tools, techniques, and technologies.

- Work as a product client team developer on a variety of platforms including Windows, UNIX and Linux distribution using C.
- Did unit testing for existing interfaces.
- Worked with a team of developers to analyze project requirements and add functionality to existing C applications and SQL databases, such as reading in claims in different formats from different sources, checking for errors, and converting them into a standard format.
- Reading existing source code in C to determine current programming logic.
- Working with SQL database including making enhancements to stored procedures
- Expertise in designing, developing middleware components for software in C/ C++ using STL, multithreading, data structures, IPC (TCP/IP socket programming), and design patterns
- Providing Oncall Support for Redhat Linux and IBM AIX server environments.

Environment: C, C++, SQL, PL/SQL, EDI, UNIX, Linux, ShellScripting, MMIS, Sybase, Perl Scripting, UML

Education

Bachelor's

Skills

Ant (Less than 1 year), apache (3 years), C (8 years), CSS (Less than 1 year), database (8 years), Eclipse (Less than 1 year), Frameworks (Less than 1 year), HTML (3 years), Java (5 years), Javascript (1 year),JBoss (Less than 1 year), JSF (Less than 1 year), JSP (Less than 1 year), Linux (8 years), Oracle (1 year),Oracle 10g (1 year), PL/SQL (8 years), SQL (8 years), testing (4 years), UNIX (8 years)

Additional Information

Technical Skills

Languages C, C++, java, Java Script, PL/SQL

Web Frameworks Struts 1.1/2.0, JSF, Spring

Testing Frameworks jUnit, Manual testing, Load Test using IBM

Server Technologies JSP, Struts tags libraries, JSF tags

Client Technologies HTML, CSS, JavaScript, JSTL Tag Libraries, XML

Web Servers Apache Tomcat 5.5/6.0

Application Servers JBoss, Weblogic, Websphere

Database Servers Oracle 10g/9i, MS Access

IDEs Eclipse, MyEclipse, JDeveloper, iRAD

Build Tools Apache Ant, Maven

Database Tools Toad, PL/SQL 7.0/2005/2008/2012 Developer, RDBMS

Platforms Windows 98, 2000, 2003, XP, Vista, Windows, Unix, Linux