



Chandrashekhar Hegde

Technical Lead, Seeking assignment in Software Development, Web Application Development, Project Management, Requirement Gathering, Software design, Quant Finance, C++, VC++, MFC, Java, C#, .net Framework, IBM MQSeries, COM, DCOM CORBA, XML RPC, SQL Server,

Current Designation: Technical Lead - IT	Total Experience: 22 Year(s) 0 Month(s)
Current Company: Cognizant Technologies Solutions	Notice Period: 3 Months
Current Location: Bengaluru / Bangalore	Highest Degree: B.Tech/B.E. [Computer Science]
Pref. Location: Bengaluru / Bangalore	
Functional Area: IT Software - Application Programming / Maintenance	
Role: Team Lead/Tech Lead	
Industry: IT-Software/Software Services	
Marital Status: Married	
Key Skills: Technical Lead, Team Lead, Software Development, Web Application Development, Project Management, Requirement Gathering, Software design, Software Testing, C++, VC++, MFC, Java, C#, .net Framework, IBM MQSeries, COM, DCOM CORBA, XML RPC, SQL Server	
Verified: Phone Number Email - id	

Last Active: 7-Jul-20

Last Modified: 7-Jul-20

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Summary

- * 22 years of experience in developing and maintaining desktop/web based applications on heterogeneous platforms.
- * Strong Experience in developing windows/linux based server applications.
- * Strong knowledge of multithreading.
- * Strong knowledge of boost libraries.
- * Strong knowledge of C++ 11.
- * Proficient in various design patterns, data structures and algorithms.
- * Strong knowledge of quantitative finance.
- * Strong Knowledge of MFC/COM/DCOM/VC++/C#/.Net Framework.
- * Strong knowledge of Java/J2EE.
- * Strong knowledge of Business Objects Suite of products/ Microsoft Analysis Service.
- * Strong knowledge of GPU programming using CUDA
- * Good knowledge of Big Data, Apache Hadoop.
- * Strong knowledge of Spring Framework, Hibernate, Web services.

Work Experience

● Cognizant Technologies Solutions as Technical Lead - IT Aug 2007 to Till Date

Cognizant Technology Solutions Limited
Client: Voya Financial Bangalore, India
Technical Lead November 2013 -Present

- * Involved in the design and development of 'Financial Market Database' application which has the capability to transform the investment data from the various sources into reliable data for capital markets operations. This application is used for data collection, cleansing, data storage and manipulation of the market data. This application sends the request to financial market vendors like bloomberg before transforming the data to the useful format which can be used by various applications.
 - * Responsible for gathering the requirements from the business, transform the requirements into the workable solution.
 - * Responsible for end to end delivery of the requirements.
 - * Involved in developing various financial curves like zero curve, zero bond curve, zero coupon swap curve, par curve, forward curve, spread curve.
 - * Developed various shell/perl scripts to interact with the financial market database server.
- Technologies: C/C++/Java (Linux/Windows), SVN, ksh, Multithreading, Quantitative finance, Shell Scripts, Perl Scripts, Asset Control

Cognizant Technology Solutions Limited
Client: ING Insurance North America West Chester, PA, USA
Technical Lead April 2011 -October 2013

- * Responsible for the design and development of the ING's stochastic valuation of variable annuities product called



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'Pegasus' which has the capability for risk management, capital management and product development activities of the variable annuity business. This application uses highly complicated mathematical models.

- * Managed requirements and design phase towards identifying mutually agreed solutions with technical teams and business partners.
- * Involved in the development/enhancement of the liability model application which does the calculation for the guaranteed income for a given set of policies.
- * Involved in the development of monte carlo simulation engine for calculating the risk.
- * Involved in the performance enhancement of the existing application with parallel computation using data synapse grid.
- * Involved in the development of a prototype for converting the Grid enabled application to GPU enabled application using CUDA

Technologies: C++ (Linux/Windows), SVN, Multithreading, Quantitative finance, Boost 1.6, GPU, CUDA 4.1, Oracle 11i, Data Synapse Grid, Shell / Perl Scripts.

Cognizant Technology Solutions Limited
Client: Paypal Inc. San Jose, California, USA
Technical Lead September 2010 - March 2011

- * Involved in the design of the e-mail module for sending the ads to millions of customers by integrating several existing frameworks including synchronous request/response based Atlas Server Framework (ASF), synchronous request/response based message server.
- * Involved in the design of the daemon for handling the asynchronous click events using Atlas Message Queue (AMQ) which is a shared DB based message queues for asynchronous publish/subscribe with transactional guarantees.
- * Involved in retooling of the site catalyst which is a product of Omniture that implements web analytics for paypal web site. This tracks users as they move through the site, noting which pages they visit as well as a host of other statistics about the visitor.

■ **Ness Technologies** as Technical Lead Oct 2004 to Aug 2007

- * Key person to enhance the Business Objects 6.5/XI R2 which is a business intelligence product providing the comprehensive BI functionality that can empower users to make effective, informed decisions based on solid data and analysis.
- * Worked on the enhancement of the highly scalable database server.
- * Worked on the enhancement of the Webi Report Server which is a highly scalable multithreaded CORBA sever written in C++ having the core functionality of business objects and the complex calculation of the universe objects and the formulae.
- * Responsible for maintaining the J2EE product called BCA Publisher.

Technologies:
C++ (Windows/ Linux/AIX/Solaris), Oracle 9i, MFC, Win32, Eclipse, gdb, VSS, Java, J2EE, C#, Visual studio.net
2005, ASP, ASP.NET, JSP, Servlets, COM, CORBA, Multithreading, Sybase 12.5

■ **Symphony Services** as Senior Software Engineer Nov 2002 to Oct 2004

- * Involved in the development of the 'Symphony RPM Analytic Server' which is a business Intelligence product similar to 'Microsoft Analysis Service' that is a multi-threaded, multi-user server providing multidimensional analysis capabilities with its own communication protocol and client library.
- * Designed and developed highly scalable socket server that handled MDX messages.
- * Designed and Developed several SOAP interfaces in the existing OLAP server.
- * Worked on the development of the AnalyticServer client using MFC.
- * Used Sybase CT library to connect to the database.
- * Worked on COM component to fetch the data from Analytic Server.
- * Ported several components to C# Windows forms.
- * Worked on Java/COM bridge component.
- * Worked on the Excel-addin to display the data using VBA.
- * Participated in recruitment, designing the requirement, design reviews, coding, code reviews and unit testing.

Technologies: C++ (Windows/Linux/AIX/Solaris), Oracle 9i, MFC, Win32, Eclipse, gdb, VSS, Java, C#, Visual studio.net
2003, ASP, ASP.NET, JSP, Servlets, COM, CORBA, VBA, Excel-addin, Multithreading, Sybase 12.5

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Education

UG: **B.Tech/B.E (Computer Science)** from **University of Mysore , India** in 1996

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IT Skills

Skill Name	Version	Last Used	Experience
C++ (Linux/Windows)			
VC++, MFC, Java, C#, .net Framework.			
IBM MQSeries, COM, DCOM			
CORBA, XML RPC, Web Services.			
Oracle 9i, SQL server 2005.			
UNIX (Linux/AIX/Solaris 9), Windows 7			
vi, gdb, ddd, dbx, Eclipse			
Visual Studio.Net 2012			

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Languages Known

Language	Proficiency	Read	Write	Speak
English	Expert	✓	✓	✓
Kannada	Proficient	✓	✓	✓
Hindi	Proficient	✓	✓	✓

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Affirmative Action

Physically Challenged: No

Work Authorization

Job Type: Permanent

Employment Status: Full time

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