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**PROFILE SUMMARY**

* Multi-faceted investment banking technologist, with expertise in front office, middle and back office systems development to deliver strategic and tactical solutions.
* Well versed in varied programming paradigms - functional, object oriented and procedural programming; skilled in several languages – Java, Scala, Haskell, .NET and database technologies.
* Proven ability to design, develop, implement and manage business critical applications and tools for top-tier investment banks.
* Excellent at multitasking with capacity to don multiple hats of team leader, development manager and senior developer.
* Appraised consistently as “Out performer” across organizations and projects.

**PROFESSIONAL EXPERIENCE SUMMARY**

* Standard Chartered: Development Lead for Sabre risk tool and applications. Sabre is in-house cross-asset risk management and trading system. Front office lead for Market Data Server (MDS) and Structured Credit trading desk. Worked with quants and traders, to develop strategic and tactical solutions in a fast paced environment.
* Barclays Capital: Senior developer for asset management business, goto person for software applications in Singapore.
* Royal Bank of Scotland: Lead developer for strategic client valuations platform, biggest rollout for Operations in the year.
* Lehman Brothers: Team Leader for IT Service Management team, developed and managed business critical applications used across the globe, resulted in multi-million dollar saving for the bank.
* Infosys Technologies: Developed applications for Paypal and VeriSign to support their business processes.

**TECHNICAL SKILLS**

* Languages - Java, Scala, Haskell, C#
* Software Methodologies – Agile, OOP/OOD, Waterfall
* Frameworks - Spring, JPA, Hibernate, Ehcache, Lucene, jBPM
* Big Data Technologies – Spark, Apache Hadoop
* Databases & Tools - Sybase, IBM DB2, MS SQL Server, Oracle, Microsoft Access, Embarcadero RapidSQL, Toad
* Web Technologies - JavaScript, AJAX, AngularJs, Grunt, GWT, ExtJS, Jquery, CSS
* Web Servers/App Servers – Jetty, Tomcat, Weblogic
* Tools/Others – Intellij IDEA, Visual Studio, Eclipse, Ant, Maven, JUnit, JIRA, Gradle
* Source Control – Git, Subversion(SVN), CVS, Perforce, Microsoft VSS, Git
* OS/Protocols - Windows XP/NT/2000, Unix, HTTP
* .NET – WCF, WPF, LINQ, ADO.NET Entity Framework
* Financial Trading Systems – Reuters, Murex, Bloomberg.
* Distributed computing – TIBCO DataSynapse, AWS
* Reporting & Tools - JasperReports, iReport, JFreeChart, Highcharts
* J2EE - JSP, Servlets, JDBC, Web Services, SOAP, REST, CXF, JMS

**EDUCATION/CERTIFICATION**

* Bachelors in Computer Science and Engineering (Hons.) – 75.91%
* Sun Certified Java Programmer (SCJP 1.4) – 93%
* Sun Certified Web Component Developer (SCWCD 1.5) – 85%
* IT Service Management: ITIL V3 Foundation (ITV3F) – 90%
* National Stock Exchange’s Certification in Financial Markets – 90%

**PROFESSIONAL EXPERIENCE**

**Development Lead** | Standard Chartered | Sep 2012 – Present

**1. SABRE** (Jan 2016 – Present)

Sabre comprises of suite of applications for booking and risk management. Risk tool is official end of day risk calculation system across all structured products in financial markets. Web trade blotter is the sole platform for the booking and risk management of structured products across FX, IR, CM and CR. Fixing App is used to monitor fixings required to fix live trades in Sabre and submit manual fixings.

Role: Development Lead

* New structured products on-boarding on to the risk system.
* Developed enhancements for Front Office Trade Consolidation initiative for Risk & Analytics.
* Interface with quant and pricing libraries for trade valuations.
* Fixing Control ecosystem comprises of micro-services spanning across real time systems, batch jobs, recons and reports.
* Overhaul of web trade blotter to change the look and feel.

Technology Stack: Java, Haskell, JavaScript.

**2. Front Office Market Data Server** (FO MDS) (Sep 2012 – Dec 2015)

Market Data Server is the in-house front office database containing static and market data used by quant libraries and risk management engine. MDS is a globally replicated guid based database, with a powerful dependency graph, that is inspired from SecDB/Slang.

Role: Team Lead

* Design and develop scalable processes to reconcile and sync MDS with humongous data from various upstream systems.
* Deliver improved and innovative solutions to the trading desk, making the business more profitable.
* Automated numerous manual processes and spreadsheets, resulting in increased productivity and business satisfaction.
* Developed critical processes to source and compute fixings from different systems such as Reuters, Bloomberg and Murex to price trades. Business processes to compute and publish SGDNEER index fixing.

Technology Stack: Haskell, C#, Java, Python

**Assistant Vice President** | Barclays Capital | Feb 2010 – Sep 2012

**1. Sales Credits Automated Tracking Engine (SCATE)** (May 2012 – Sep 2012)

Sales Credit methodology is used to provide a greater incentive to Sales teams to promote funds, as well as encouraging them to maintain client investment in our funds. SCATE provides an automated process for payment of sales credits. SCATE provides various functionalities to maintain static data, reporting, accruals, product-control, trader approvals and email reminders.

Role: Lead Developer

* Requirements gathering, design, coding.

Technology Stack: Java, C#, Spring, Hibernate, NHibernate, GWT

**2. Virtual Database (VDB) Remoting** (April 2012 – May 2012)

VDB is an in memory, column-wise compressed, functional DB implemented in C++. VDB Remoting layer offers interfaces in .NET and Java. Remoting layer under the hood starts a host executable which loads the actual VDB and then the calls are forwarded to the out of process VDB. VDB uses windows named pipe thus, inter-process communication is done through it. For Java in absence of named pipe, native win32 API calls are invoked through JNA.

Role: Lead Developer

* Design, coding, automated unit and performance tests.

Technology Stack: Java, JNA, C#

**3. Funds & Advisory - Longview Trading** (June 2011 – April 2012)

Longview Trading is a cross asset order management and automated compliance system. The system trades a wide variety of instruments from exchange traded Over the Counter (OTC) derivatives and swaps to equities, bonds, commodities and FX. Straight-through processing (STP) improved through use of Financial Information Exchange (FIX) connectivity direct to brokers and full integration of the vendor platform with BCFS bespoke trading.

Role: Senior Developer

* Analysis, design, coding and implementation.

Technology Stack: C#, SQL Server, WCF, LINQ

**4. Dashboard - Report Automation, Price Control** (Nov 2010 – June 2011)

Dashboard is used to manage all traded funds by Barclays. SMO (Structured Middle Office) uses dashboard to create new fund static, confirm NAV prices and valuations. Dashboard also contains a fully automated report system to create various fund level documents such as factsheets, flyers.

Role: Lead Developer

* Analysis, design, coding and implementation.

Technology Stack: Java, Hibernate, Spring, JasperReports, iReport, CXF, Tomcat, SQL Server, C#, WCF, WPF

**5. Sales Portal** (Feb 2010 – Nov 2010)

Sales Portal provides information on traded funds administered by Barclays Capital. Fund level information will include factsheets, valuation and new product offerings. It is a client facing portal with high visibility.

Role: Technical Lead

* Re-architecture of existing portal from GWT to Spring MVC and eventually to Magnolia CMS.
* POC on content management systems such as Alfresco and Magnolia.

Technology Stack: Java, Spring, Magnolia, JQuery, ExtJS, Tomcat, Sybase, Linux/Windows XP

**Senior Associate** | Royal Bank of Scotland | Nov 2008 – Jan 2010 (on Sapient payroll)

**1. Client Valuations – iVal** (Jan 2009 – Jan 2010)

Strategic platform providing the ability to offer a ‘best in class' client valuations service, globally, via a scalable and robust infrastructure and operating model. Customizable client statement generation for cross products for all RBS legal entities. Increased scalability, rapid on-boarding of new products, workflow management.

Role: Lead Developer

* Worked on critical data migration from to be decommissioned system Vector to iVal.
* Worked on Reconciliation scripts to for sign-off on data migration from business.
* Worked on extensive MIS reporting, daily and monthly reports for business.
* Designing, coding and self-testing of various statement generation modules.

Technology Stack: Java, Hibernate, Spring, JasperReports, iReport, GWT, jBPM, Maven, Tomcat, Sybase, Linux/Windows XP

**Senior Developer** | Lehman Brothers | Jul 2006 – Nov 2008

**1. Service and Asset Management (SAM)** (Mar 2007 – Nov 2008)

SAM caters to various processes of Service Transition in ITSM such as Change and Release Management. SAM is a web portal which provides all the functionality provided by Remedy Desktop client. It is a high volume, low latency, mission critical application.

Role: Team Leader

* Implement project plan, effective outsourcing and coordination amongst team.
* Analysis, design, coding, code-reviews, mentoring.

Technology Stack: Java, Remedy, Servlets, JSP, AJAX, Weblogic 8.1, Sybase, Linux/Windows XP

**2. Incident Dashboard** (Jul 2006 – Mar 2007)

Incident Dashboard caters to the Incident Management and Problem Management modules of IT Service Management. When any incident occurs that needs to be properly coordinated, communicated to the appropriate users and the status of the incident should be tracked till the end.

Role: Senior Developer

* Initiation of project in Lehman Brothers, Mumbai
* Coordinating all the activities for the learning curve of the team members
* Responsible for handling assignments to the team and coordinating various releases in line with the deadlines

Technology Stack: Java, Struts, JSP, Weblogic 8.1, DB2 UDB, Linux/Windows XP

**Software Engineer** | Infosys | July 2004 – July 2006

**1. Pandora** (Oct 2004 - 2006) **Client**: eBay Inc. – PayPal USA

Pandora is a web based application for supporting the internal business processes of administrating customer use of PayPal services. It provides a broad range of functionality to manage user accounts, merchants, products and settlements.

Role: Software Engineer

Technology Stack: Java, Struts, JSP, Hibernate, Tomcat Apache Server/ Weblogic 8.1, Oracle 9i, Linux/Windows XP