Siddharth Sheopori | [siddharth.sheopori@gmail.com](mailto:siddharth.sheopori@gmail.com)

Summary

* **Solutions Architect** and **Development Manager**; with a strong track record of successful delivery of several large-scale projects
* Firsthand experience in working closely with **Business stakeholders** in **gathering** **requirements** and designing cost effective and long term solutions
* Skilled in managing a culturally diverse team across Asia, UK and US
* **Strong** **communication** and **project management** skills; have managed several resources including developers, Quality Assurance, release manager and production support
* 12+ years of programming experience in **C#, ASP.net and MVC**; building n-tier, desktop and web applications
* 4 year of programming experience in **JAVA;** building desktop applications
* 6 years of programming experience in **JavaScript** and **jQuery**
* 10 years of programming experience in Microsoft SQL Server **T-SQL** and **IBM DB2**
* 6 years of programming experience in **HTML/HTML5, Bootstrap, LESS/CSS**
* 1 year of programming experience in **C/C++**
* Built and deployed Mobile applications onto **Google Play Store** and **Apple App Store**
* Mobile Application development experience using **AngularJS**, **Ionic Framework**, **UnderscoreJS** and **Android SDK**
* Knowledge of **Google Firebase** including **Firebase Authentication**, Real-Time Database and Storage
* Experience with setting up **NodeJS** based webserver on **Heroku** and **Amazon AWS**
* Experience with **MongoDB** and Mongo Chef
* Hands on experience with **Scrum/Agile**; taking on roles from Product Owner to **Scrum Master**
* Experience in setting a **Continuous Integration** environment using TFS, **TeamCity** and **Octopus Deploy**
* Knowledge of **ETL** tools such as **Informatica PowerCenter** and **AutoSys** for enterprise scheduling
* Hands on experience with implementation of **investment products** ranging from **Equities**, **Options**, **Mutual** **Funds**, **IEQ** and **Fixed** **Income**
* Designed and developed **middle-office systems** to process **Hedge Funds** and **Private Equity** transactions
* Over 3 years’ experience in working directly with the **Charles River Implementation** and Technical experts in designing solutions; from start of day batch processes, Pre/Post-Trade and overnight compliance, FIX STP, Unsolicited FIX and trade booking
* Business knowledge of **Trading Systems**, **Portfolio Management** Systems, **Middle Office** and **Back Office** Processing systems
* Experience with straight through processing (**STP**) systems and solutions for Equities and Fixed Income
* Resident expert in **Charles River**, **InvestorTools Perform**, **Axys**, **Moxy**, **Bloomberg POMS/TOMS**
* Experience with setting up **FIX** connections with **Bloomberg**, **TMC** and **Market Axess** and **Charles River**
* Knowledge of the **Bloomberg SAPI and FTP** interface for setting up **Market Data** integration
* Charles River Certified Systems Admin

LinkedIN : https://www.linkedin.com/in/siddharth-sheopori-a666218/

Github : https://github.com/ssheopori/

Software Technologies

C#, .Net, MVC, Java, AngularJS, Javascript/jQuery, NodeJS, Ionic Framework, Android SDK, HTML5, LESS/CSS, Bootstrap, Heroku, Amazon AWS, Google Firebase, IBM Db2, Microsoft SQL Server, Perl Scripting, Python, Tibco, AutoSys, Informatica, IBM MQ, Jira, HP Quality Center, Charles River (9.1.4.2 & 9.1.4.5), Charles River Anywhere, Investor Tools Perform, Bloomberg FTP, Bloomberg SAPI, ThompsonOne, Market Axess, TMC, Bloomberg TSOX, FIX 4.2, FIX 4.4, Moxy, Axys, Market data, VB6, C/C++, Windows, Linux

Professional Experience

**Stifel Financial, NYC, NY December 2015 – Present**

**Solutions Architect, Information System Group**

Solutions Architect and RTB Team lead.

* RTB Team lead in-charge of 4 on-shore developers
* Working on establishing a DevOps roadmap for Stifel; including continuous integration using tools like TeamCity, Octopus Deploy and Selenium
* Solutions Architect of the ALTS Platform (Private Equity & Hedge Fund) which comprises of the Processing Engine; a SQL based implementation and a java based web-service
* Leading the major effort of migrating applications at Sterne Agee and KBW over to the Stifel infrastructure
* Working with business stakeholders to understand various application interfaces from Front Office to Back Office

**Barclays Wealth America, NYC, NY September 2008 – December 2015**

**Vice President, Portfolio Management & Trading Solutions Architect**

Solutions Architect and development Manager in-charge of; Portfolio Management and Trading application implementation at Barclays Wealth Americas; working closely with a global development team across New York, London, Glasgow, Singapore and India.

* Solutions Architect of the Charles River (Server, Desktop and CR Anywhere) implementation at Barclays Wealth Americas for the Advisory division; ranging from Equities to Fixed Income products
* Designed and implemented the batch process to load Accounts, Positions, Balances, TaxLots and Securities into Charles River
* Implemented STE/STP for Domestic Equities, International Equities and Options via FIX 4.2 and FIX 4.4 for Fixed Income products (Corps/Munis/Rates) using the Solicited and Un-Solicited order routing workflow using Fix 4.4 into Market Axess, Bloomberg and TMC
* Implemented market data integration for Fixed Income securities between Charles River and Bloomberg
* Designed and implemented a custom Mutual Funds order routing into CR-Anywhere platform
* Built an intraday (near real time) trade booking process into downstream books and records via the Charles River Trade Gateway and IBM MQ
* Carried out a Charles River upgrade from 9.1.4.2 to 9.1.4.5.1
* Solutions Architect in charge of the Perform FPC2 implementation at Barclays Wealth
* Setup the Creditscope and Custom Index Manager modules for Perform FPC2
* Linked FPC2 to Bloomberg for Fixed Income market data, the process is setup via Bloomberg FTP
* Implemented an automated export of Orders from Perform into Charles River
* Worked on a POC using MongoDB and Mongo Chef to store PDF reports
* Built a custom .Net Web Application using C#, ASP.net and jQuery that replaced a paper order entry system, which was plagued with missing and/or incorrect timestamps
* Installed and configured BB TOMS and POMS gateway applications

**Lehman Brothers, NYC, NY July 2006 – September 2008**

**Technical Lead / Senior Developer**

Technical Lead: Alternative Investments implementation.

* Architected and developed the ALTS platform using C#, .Net, Autosys, Informatica and Python
* Designed and developed an On-Demand Reporting engine for WMR-AI; using primarily SQL as the core processing engine
* Managed project rollout dates with Production support team and Project lead, authored run-books for production support team, held several one-on-one knowledge transfer sessions with production support team
* Developed an independent assembly in C# to perform mathematical calculations using formulas stored in XML and data from database
* Used IBM DB2 as the database. Developed all the stored procedures required by the Transaction processing component
* Wrote several independent tools to extract and read log files, assigning business related footnotes and labels to values and inserting raw data into the subsystem for testing purpose
* Actively Unit tested and worked with QC Team for Quality Assurance testing
* Was actively involved with several testing phases, including Reverse Parallel, Forward Parallel and Conversion
* Working in tandem with offshore developers in India

**Credit Suisse (CSFB), NYC, NY June 2005 – June 2006**

**.NET Solution Developer**

The Quick Ticket Entry (QTE) system used at Credit Suisse is used to shape Equity Trades, before they are sent over to Pershing; which is the clearing agency for Credit Suisse. The trades are booked through a proprietary system developed in-house called GoMAN. Allocations and Executions are then applied to the trades using QTE. QTE is a PowerBuilder application developed almost 12 years ago. Due to its instability and outdated functionality, a rebuild of the system using .NET was inevitable.

* Designed wire-frames for the new system based on existing system and the required new functionality
* Developed the UI using C# Win-Forms
* Designed a 4-tier structure (Presentation Layer, Application Layer, Business Layer and Business Objects Layer) for maximum expandability, for future upgrades to the system
* Used factory design pattern to switch the 4 tiers from Remoting to Desktop only model
* Used ADO.Net and Enterprise Application Data Blocks for accessing the Database. Extensively used Data Adapters and Data Readers for retrieving trade information
* Utilized the App.Config file for functionality that was dynamic. Stored SQL queries, Legend Codes, Remoting Configurations, Agora Server Configurations and Fallback Options
* Designed a unique Application Delivery mechanism. The application was able to connect to a FTP Server and update itself at each startup
* Provided extensive support to traders using the application. Worked closely with the traders on a day-to-day basis by sitting on the trading desk and providing constant support
* Other responsibilities included providing support to the users of START System, developed by NAPA
* Managed scheduling of automated jobs using Control-M

Systems Admin, **Gateway Chamber of Commerce, NJ May 2004 - Dec 2004**

Grader, **NJIT, NJ September 2003 - May 2004**

Programmer, **Ganesh Offset Printing, India June 2002 - Dec 2002**

Educational Qualifications

* Masters in Information Systems, New Jersey Institute of Technology, Newark, NJ
* Bachelors in Physics with Computer Applications, Mumbai University, Mumbai, India
* Diploma in Computer Applications, NIIT, Mumbai, India
* Charles River Certified Systems Admin

Mobile Apps

* Beatrice
  + [Google Play Store](https://play.google.com/store/apps/details?id=com.kukuinthehead.beatrice)
  + [Apple App Store](https://itunes.apple.com/tw/app/beatrice-home/id1178829792)