

KIRAN KAUKUNTLA

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Seeking a challenging position as a Senior Software Developer/Architect

HIGHLIGHTS

- Innovative developer with several years of experience, solved many business problems with unique ideas and solutions.
- Currently working for Bank of America Merrill Lynch as a senior developer.
- Expert in designing solutions using C#, WPF, WCF, Win Forms and ASP.NET.
- Expert in database development using Oracle, PL/SQL programming.
- Widely experienced in applying Agile (Scrum) principles, test driven development and behavioural driven development successfully.
- Experienced in Python and Python conversion projects.
- Very strong in implementing SQL Server solutions with T-SQL programming.
- Expert in developing multithreaded, scalable and low latency projects.
- Expert in applying Object Oriented Programming principles, UML and Design Patterns.
- Very skilled in applying refactoring principles and converting messy and convoluted code in to maintainable code without affecting the overall timelines and deliverables.
- Specialist in database and query optimization techniques and performance tuning of badly designed databases and queries.
- Experienced in documenting applications and auto generating code documentation. Creating wikis and user guides.
- Enjoy in doing regular KT sessions to the team, design reviews and code reviews.
- Experienced in DevOps, continuous integration, release automation and happy doing last line (L3) support.
- Very good at Microsoft Office (Excel) automation VBA and Shell scripting.
- Experienced in developing applications in functional areas of Finance & Investment Banking.
- Long working experience with co-located, offshore and global teams.
- Master of Science in Computer Sciences with distinction (UK).

KEY SKILLS

- C#.NET 1.1 to 5.0 full stack (ASP.NET, ADO.NET, Web Services, Multi-Threading, WPF, WCF, LINQ, NUnit, MS Test, RhinoMocks, Moq, Silverlight, MVC 5, Web-API, Prism, Infragistic, DevExpress, Syncfusion and Telrik Kendo UI controls and libraries, Reactive extensions (RX), Azure)
- Oracle 7.3 – 12c (SQL, PL-SQL, SQL Loader, Oracle AQ, Oracle Scheduler)
- Object Oriented Analysis and Design (OOAD) & UML 1.1 – 2.0
- Agile Software Development (Scrum and Kanban) and DevOps
- Python 2.6 – 3.0
- SQL Server 7.0 – 2012
- Angular JS, JQuery and JavaScript
- SOLID, IOC, SOA, Hexagonal, Micro Services, Rest, MVC, MVVM, TDD and BDD
- F#, C, C++, Visual C++ and JAVA
- Microsoft Office Automation with VBA and C#
- BI tools - Business Objects XI –13 - Crystal Reports
- Good communication and presentation skills

EDUCATION AND TRAINING

- Master in Computer Science with Distinction (MSc) – UK
- Scrum Master Certified
- Microsoft Certified Professional (MCP)
- .Net Enterprise Solution Developer Certified Professional
- OMG UML Certified Professional (OCCUP)
- Many other trainings: Oracle, Python, WPF, WCF, Trading

PUBLICATIONS AND ACHIEVEMENTS

- Article: Storing XML in RDBMS.
- Article: Clinical Diagnosis Support Systems.
- Platinum award for best developer in current job (ref can be provided)
- Given guest-lecture in University of East London on software development middleware topic (ref can be provided)

PROFESSIONAL EXPERIENCE

Developed applications in technical areas of C#, Oracle, SQL Server, WPF, WCF, Win Forms, ASP.NET, LINQ, ORM, nHibernate, NUnit, MS Test, RhinoMocks, Python, Visual C++, Visual Basic, JavaScript, Angular JS. Jenkins, TDD, BDD, MVC, MVVM, Algorithms, Cloud Computing AWS, Grid Technologies

Developed applications or have good knowledge in functional areas of Finance & Investment Banking, Hedge funds, Fintech, Front Office, Middle Office, Back Office, Electronic Trading (E-Trading), Trade Capture, Fixed Income, Foreign Exchange (FX), Derivatives and Asset classes, OTCs, Exchange traded, Bonds, Futures, Commodities, Risk, Pricing, Market Data, Market Risk, P&L, Balance sheet, Cash, Reconciliations, Regulatory reporting, BASEL III, FX, Product control, Valuation control and Accounting control, Media and Healthcare.

Work History

Bank of America Merrill Lynch, London –Lead Developer Nov 2010 to Current

CPRT (Consolidated PnL, Risk and Trades)

TECHNOLOGY : C#, Python, Oracle PL-SQL, AngularJS, BDD (using SBEs), TDD, NUnit, Jenkins, BOA Proprietary Quartz Platform.

DESCRIPTION : Front-to-Back application standardizes and consolidates trades, risk and PnL data. Provides feeds to sub-ledgers, reporting systems, ledgers, settlement systems and regulatory system. Validates and reconciles the data and reports the breaks to the stake holders.

RESPONSIBILITIES:

- Hands on lead developer.
- Reporting to stakeholders.
- Designed the solution and presented to higher management.
- Design reviews and code reviews
- Guide and mentor the development team.
- I implemented the pilot project in a very quick time.
- Visited and trained our Indian offshore team.
- Apart from the project development, I developed admin screen and Jenkins Tray Icon in my free time to help support and dev teams. (ref can be provided)

Granite

TECHNOLOGY : C#, WPF, WCF, Oracle PL-SQL, Python, BDD (using SBEs), TDD, NUnit, Jenkins. Visual Studio 2010-2015

DESCRIPTION : Unified, cross-asset platform and logical data repository for pricing, analytics, trade capture, lifecycle management, position management, risk / P&L calculations and facilitation of streamlined downstream activities

RESPONSIBILITIES:

- Design, development and implementation.
- Designed reconciliation engines.
- Design reviews and code reviews
- Guide and mentor the development team.
- On top of my regular development tasks I developed application dashboard with twenty gadgets to visualise application processes and usage that enabled support and dev teams to monitor the application effectively and take pre-emptive actions. (ref can be provided)

FinMan

TECHNOLOGY : C#.NET (3.5), WinForms and WPF, WCF, Oracle PL-SQL, Bash Shell, Autosys, TDD, SVN, JIRA, DMA and Quality Centre

DESCRIPTION : FinMan is the sub-ledger for debt-derivatives providing: Consolidated P&L across multiple asset classes; Cash control processes; Adjustment capabilities as well as financial reporting including General Ledger and Risk systems.

RESPONSIBILITIES:

- Senior Developer.
- Involved in design, development and implementation.
- Design reviews and code reviews
- Last line production support.
- Guide and mentor the development team.
- On top of my regular development tasks I developed reporting and scheduling system and accounting control diagnosis tool in my own personal time. reporting and scheduling system reduced development times for new reports about 70% and accounting control diagnosis tool reduced support time at least 20% (ref can be provided)

The Walt Disney, London –Architect and Senior Developer Apr 2003 to Nov 2010

MIB (Metadata Information Broker)

TECHNOLOGY : C#.NET, ASP.NET, Web Services (WCF, SOA), XML, IIS, Oracle PL-SQL (9i, 10g), NUnit, nAnt, Cruise Control, SVN (Subversion)

DESCRIPTION : The MIB is an online information broker system interfaces with channel management systems, asset management systems, rating systems, air time sales systems and transmission systems.

RESPONSIBILITIES:

- Application architect (designed the application and generated the code skeleton for developers).

- Involved in development and implementation.
- I developed release automation tool in my own time to automate the release process.

Galaxy (Business Intelligence and Reporting System)

TECHNOLOGY : Oracle PL-SQL (9i, 10g), Business Objects (10, XIR2), Crystal Reports (10, XI)

DESCRIPTION : Online Broadcast Reporting System addresses most of the reporting functions of the Channel management systems.

RESPONSIBILITIES:

- Architect and Senior Developer
- Implemented ETL, Data layer, Oracle stored procedures and views, data universes and crystal business views.
- Developed 300+ automated and on-demand reports.

Jetix Europe Ltd, London –Consultant Developer Apr 2001 to Apr 2003

X-Port

TECHNOLOGY : Oracle 8i, C#, Win Forms

DESCRIPTION : X-Port is a Broadcast Interfacing System, developed for adapting to rapidly changing broadcast interfaces. It interfaces with various broadcast systems including channel management, air time sales,

RESPONSIBILITIES :

- Consultant developer
- Greenfield project developed alone.
- Design, development and implementation

Send-Mouse

TECHNOLOGY : C#, Win Forms, Oracle (also supports other databases with plugins)

DESCRIPTION : Is a music royalties system. I designed it with plugin-architecture and works with any channel management systems. This product was shared with other broadcast companies and they could plug-in to their system, map data and generate music royalty reports without any issues.

RESPONSIBILITIES :

- Consultant developer
- Greenfield project, designed and developed by myself
- Managed communications with all stakeholders including external royalty payment company.

eBase

TECHNOLOGY : Oracle 8 PL-SQL, Crystal Reports (8.0-10), ASP (Active Server Pages), HTML, JavaScript, IIS

DESCRIPTION : eBase is an Online Broadcast Reporting System, solely developed by me. eBase is a complete, holistic, automated reporting system for Integrated Broadcasting Management Systems.

RESPONSIBILITIES :

- Consultant developer
- Greenfield project developed alone.
- Design, development and implementation
- Developed a universal report runner component that runs various types of reports (venders e.g. crystal reports, data reports and active reports) on demand or in ascheduled time.

Reviewer

TECHNOLOGY : C#, SQL Server, VBA, MS Excel 2000, MS Outlook

DESCRIPTION : Reviewer is an appraisal and salary review system vastly simplifies and automates work of review managers and HR department.

RESPONSIBILITIES :

- Consultant developer
- Designed, developed and implemented alone
- Worked closely with HR in a secure zone of the office to ensure the security.

VAP Database

TECHNOLOGY : Visual Basic 6.0, MS Access (for <10 users)

DESCRIPTION : Volunteers Information System was developed for storing Fox Kids International Football Cup volunteers and players information; All the sensitive data e.g. background checks were encrypted and stored securely.

RESPONSIBILITIES :

- Consultant developer
- Implemented agreed security and data anryption.
- Completed SDLC alone.

Candidate Database

TECHNOLOGY : VC++, SQL Server

DESCRIPTION : Candidate Tracking System maintains details of candidates interviewed.

RESPONSIBILITIES :

- Consultant developer
- Greenfield project developed alone for HR.
- Designed, implemented, tested and released.

PERSONAL

Name: Kiran Kumar Reddy Kaukuntla

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Hobbies and Interests: Home Automation. Mobile Apps and freeware development. AI and Machine learning. Playing Cricket and Table tennis. Currently exploring Hadoop and BigData

REFERENCES

References will be provided on request, only after the interview.