KARAN KUMAR ARORA

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India.
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Objective:

To prove an asset to the organization by acquiring, the innovative and analytical skills required to grasp the new technologies from time to time. Pursue continuous learning and development to ensure personal growth by meeting organization's objectives.

Experience:

Having experience of **4 years** in Information Technology and Financial industry on different Platform/Environment like Visual Studio 2005/2008/2010, SQL Server2000/2005/2008, Trade Station, SVN, Quant House, Smart Quant, Wealth Lab, Interactive Broker, Matlab, Bloomberg, FeedOS and Bug Tracker.

Programming Skills: Asp.net, C#, VB, C, C++, Easy Language, VBA, Asp etc

Domain Knowledge: Financial on Algorithm Trading, FIX, Virtual Trading, Risk Management, Portfolio Management, Paper Trading, Order Execution, Market Screener, Optimization and Back Test etc. **Time and Attendance** Management and **Human Resource** Management

Project Knowledge: on Product based, Client based, Indoor based on Window/Web Application.

I Travelled in Europe at Client Side.

- Working as **Sr. Software Developer** at **Timerack** in Chandigarh from May 2012 till Now.
- Worked as **Team Leader** at **HTTS Pvt Ltd** in New Delhi from Nov 2010 to May 2012.
- Worked as **Programmer Analyst** at **Appin Knowledge Solution** in New Delhi from April 2009 To Sept 2010.
- Worked as **Technical Faculty** at **ITEC** in Amritsar from August 2008 to March 2009

Responsibilities and Experience:

- **Good Knowledge of SDLC**
- **Good Knowledge of OOPS and DBMS concepts**
- Understand the **requirement(SRS**) of **client based** or **product based** project
- Designing and Handling database.
- **Work Assignment** to team member.
- **Develop Software/ Module** for indoor or Clients.
- Manual Testing of Module/Software
- **Maintenance** for existing software application.
- Daily or weekly **Team Report** to Manager.
- **Motivation** to all team members.
- **Interaction** with international Client's.
- **Design and Develop strategies**, Technical indicators for different Stocks, Futures and Indices
- **Back test** for new strategies on different markets
- **Order Signal execution** to Exchange Broker.
- **Market Screener** for Trend follows strategies.
- **Backup Plan** for Live trading production environment.
- **Weekly Performance ranking** of system for new basket selection.
- **Knowledge Transfer** from senior employee to new employee.
- **Provide functional training** to new employee of algorithmic trading and Stock market
- Programming Language **Conversation**. For example (Asp to Asp.Net, EL to C#, VBA to C#).

Project Title : **Simple Box**
Front End : Asp.Net with C#
Back End : SQL Server 2008
Framework : .Net Framework 4.0
Operating System : Window 7.
Project Description : It is project regarding Time and Attendance management of Employees for small company in USA. To Get Employee attendance punches from Clock/Web application and manage attendance according to company leaves policies. Calculate employee Salaries according to their pay period. Generate alerts and reporting of employee as per requirements on clients.
Role : Sr. Software Developer.

Project Title : **Timerack BizPro**
Front End : Asp.Net with C#
Back End : SQL Server 2008
Framework : .Net Framework 4.0
Operating System : Window 7.
Project Description : It is project regarding Time and Attendance management of Employees for Large scale company In USA. To Get Employee attendance punches from Clock/Web application and manage attendance according to company leaves policies. Calculate employee Salaries according to their pay period. Generate alerts and reporting of employee as per requirements on clients.
Role : Sr. Software Developer.

Project Title : Strategies Conversation.
Front End : C#, .Net 2008
Back End : Sql Server 2005
Operating System : Window 7.
Project Description : To Convert 300 investing algorithm trading strategies from one platform (Trade Station) to another platform (Quant House).
Role : Team Leader.

Project Title : **Market Screener.**
Front End : C#, .Net 2005
Back End : Sql Server 2005
Operating System : Window XP.
Project Description : To Sort the nth Top List market symbol out of mth Market/ index data for investment portfolio. Generate Back test results for Sorted list market.
Role : Team Leader.

Project Title : **Portfolio Manager**
Front End : C#.Net 2008
Back End : SQL Server 2005
Operating System : Window XP.
Project Description : To Calculation band of Equity from historical market data and compare with System (strategies) Equity performance and some

other's rule for take decision when system would be on/off for live trading in portfolio.

Role	:	Team Leader.

Project Title	:	**System Evaluator**
Front End	:	C#.Net 2005
Back End	:	SQL Server 2005, MySql
Operating System	:	Window XP.
Project Description	:	To update daily mtm, trade transactions into database. Calculate trade MTM in form of Percentage/Amount and more import parameters regarding performance of system (strategies). Manage the Database of all Strategies and Get weekly Performance Report for indivial System or all Systems (depend on selection).
Role	:	Programmer Analyst.

Project Title	:	**Trade Manager**
Front End	:	C#.Net 2005
Back End	:	File Based/MySql
Operating System	:	Window XP.
Project Description	:	To Calculate Qty of each system depended on system weight age and how much Total Exposure on portfolio. When we would like live trading then Compute Live Profit & Loss for each strategy and whole portfolio from trade station platform. Client could be change the Qty of system by manually according to user calculation and get exit or stop trading whenever client need to exit. In nutshell this software is working as algorithm trading as well as some manual trading.
Role	:	Programmer Analyst.

Project Title	:	**Leverage**
Front End	:	C#.Net 2005
Back End	:	Sql Server 2005
Operating System	:	Window XP.
Project Description	:	To Calculate the Leverage and Get Trading Exposure of Basket for next Day. So trader can change their Qty if Trade want to change one day before of trading day.
Role	:	Programmer Analyst.

Project Title	:	**Web Recruitment Process**
Front End	:	Asp.net with C# 2005
Back End	:	SQL Server 2005.
Operating System	:	Window XP.
		Project Description: It is a Web Application to find jobs for the job seeker and internal company recruitment process. Its interface between Candidates and Companies.
Role	:	Developer.

Project Title	:	**Clinic Management System**
Project Title	:	**Business Inventory Control**
Project Title	:	**Management Information System**
Project Title	:	**Product Service Automation**

Professional Technical Skill's:

Languages	:	Asp.Net, C#, EL, C++, C, VBA.
Technologies	:	Ajax, Ado.net, Web Service, Linq.
Databases	:	SQL Server 2005/2008, SSRS, MySQL, Ms Access.
Scripting	:	JavaScript, Jquery.

Educational Detail's:

- Master of Computer Application from Guru Nanak Dev University, Campus, Amritsar with 67%.(2005-08)
- Bachlour of Computer Application from Hindu College, Amritsar with 60%.(2002-05)

Personal Attribute's:

Team Leader, Ready to learn new technology, Self-Motivate, Confindence, Determination, and Hard-Working.

Extra-Achievements:

- Travelled Client-Site in "**Switzerland**".
- **Best new Employee** of Year 2012 at **Timerack**
- Green Belt in "**TAEKWONDO**" at school,
- Attended "NCC" **Camp**,
- **Captain** in School Cricket Team.

Hobbies:

Programming, Swimming, Solving Sudoku, Playing Chess.

Personal Detail's:

Father's Name	:	Mr. Mahant Lal.
D.O.B	:	24-Nov-1984.
Marital Status	:	Single.
Language Known	:	English, Hindi, Punjabi.
Permanent Address	:	H.No 392, Pishori Nagar,
		G.T.Road, Chhehatra,
		Amritsar.Punjab. (143104).

Place _____

Date _____   (KARAN KUMAR ARORA)