

# Gaurav Kumar Singh

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## Professional Summary

- A software professional with **13+ years** of strong experience in finance and various other domains in with framework designing, application development in various technologies with integration and problem-solving skills.
  - Having good knowledge of **Agile** development (with scrum master certification). Experience in manage large, complex development projects.
  - Having ability cross-group collaboration, manage **multiple projects simultaneously**, think differently, and adapt best practices.
  - Ability to define project scope (**SRS, HLD**), end to end Plan, including activity, dependencies, timing and ownership, and timely delivery.
  - Technical expertise in **MVC Framework, Entity Framework, Razor, ASP.NET, C# .NET, Python, VB.NET, JAVA, Spring MVC, Hibernate and SQL server, MySQL, jQuery, AJAX, Artificial Intelligence (IBM Watson), Android, IOS, Block-chain Technologies, Node Js, OOPS, Design Pattern, RDBMS & Data Structure Concepts**.
  - Hands on experience of **multi gigabytes database management**, query optimization and performance tuning in various database platform like: MSSQL, Oracle, Mysql etc.
  - Proficient on **Web Forms, .NET Technology, Responsive web design, WCF, Web API, Web services and Windows forms**
  - Highly adaptable in upcoming technical environments with very strong organizational and analytical skills. Ex: Blockchain Technology, AI and machine learning Technology etc.
  - Equally inclined on customer engagements and discussions.
  - Interested in a challenging technical career.
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## Employment HISTORY

- BTM Financial LLC. (formerly collaborated with Finalytics Financial Advisor Pvt. Ltd.) from **May 2019 to now** as Team leader/Assistant Project Manager
- Finalytics Financial Advisor Pvt. Ltd. from **Oct 2011 to now** as Team leader/Assistant Project Manager
- UT Starcom Inc from **Jan 2007 – Oct 2011** as Web developer
- C-Soft Pvt. Ltd. from **July 2006 to Jan 2007** as Software Consultant
- ScienceOfLife from **Jan 2006 to July 2006** as Trainee

## Project experience - Web applications and Portals

- **Felix Regression and Consistency Testing Model (RBC Capital Market -WIP)**
  - This is console based application written in core python
  - Felix is RBC Capital Market internal tool.
  - Python, XML
- **Capital Market Sophis Positions Calculation**
  - This is desk top based application
  - Sophis is RBC Capital Market internal tool.
  - C# dot net, SQL Lite
- **Capital Market Qulib Testing Data Management**
  - This is desk top based application
  - Qulib is RBC Capital Market internal tool.
  - Python, SQL Server
- **Cashflow Compiler**
  - C# MVC 6.0 with syncfusion component
  - Sql server 2012 database
  - Artificial Intelligence (AI), IBM Watson
- **Underwriting sharing application.**
  - Blockchain Technology using Multichain
  - C# MVC 6.0 with Telerik component
- **Deal Dashboard**
  - Extracting required data from big unstructured PDF file (OC), using NLP
  - Python NLTK library used
- **PE model** for “Pricewaterhousecoopers” (PWC).
- Data management and reporting for “Bloomberg” and “E&Y”.

- **Bond Calculator** (for LNR Properties – USA Client)
  - MVC 4.0 with telerik component
  - Sql server 2008 R2 database
- **Credit model** (Future prediction of loan status) is a financial software.
  - MVC 3.0 with telerik component
  - Sql server 2008 R2 database
- **Tear sheet and Reports** (For Five Bridge – USA Client)
  - ASP.NET With C# and Dev express component
  - Sql server 2008 R2 database
- **Real State Mortgaged based security (RMBS)** - Web interface for NEW OAK Capital (USA Client)
  - MVC 3.0 with telerik component
  - Huge Sql server 2008 database
- **RAPAT (Reporting and Post Analysis Tool): Aug 2010 to Apr 2011**

It is a web base custom report generation tool. My role was:

**Technologies used:** ASP.NET/ C#.NET, VB.NET, AJAX, JavaScript, HTML, CSS, Windows Services
- **Mobile IPTV: Feb 2011 to Mar 2011**
  - Developing thick and thin client for mobile IPTV.
  - All EPG Feature are redeveloped for the mobile version.

**Technologies used:** C#.NET, AJAX, JavaScript, HTML, CSS
- **Twitter for Airtel IPTV services: Oct 2010 to Jan 2011**
  - Based on OAuth (Open-Authentication) technology.
  - User can view and send tweets while watching TV Channel using twitter API.

**Technologies used:** C#.NET, AJAX, JavaScript, HTML, CSS, PHP and J2ME
- **Flickr for IPTV: Feb 2011 to continue**
  - We use Flickr API for managing this application.

**Technologies used:** C#.NET, AJAX, JavaScript, HTML, CSS, PHP and J2ME
- **Facebook for IPTV: Oct 2010 to Jan 2011**
  - We use Facebook API for managing this application.

**Technologies used:** C#.NET, AJAX, JavaScript, HTML, CSS, PHP and J2ME
- **EPG development for Aksh, SLT (Sri Lanka Telecom), Airtel (Bharti): May 2010 to July 2011)**
  - Music Portal, new EPG Design, Radio application, Games like Sudoku, Chess etc. with EPG, Parental lock, Program scheduler, reminder etc.
- **End User Support web portal for UTStarcom: Jan 2007 to APR 2007**

**Technologies used:** VB.NET, AJAX, JavaScript, HTML, CSS, SQL Server

- **ERP Software Solutions for UTStarcom:** May 2007 to Feb 2008  
**Technologies used:** VB.NET, AJAX, JavaScript, HTML, CSS, SQL Server
- **Healthcare web portal** ([www.scienceoflife.com](http://www.scienceoflife.com)): Jan 2006 to June 2006
  - Provide web interface for clinical trial, total health assessment and risk assessment and suggest the user for relevant medicine in three different Pathy (Allopathic, Unani, Ayurvedic).
  - User can search a doctor and take online appointments.
- PVR Ticket booking software for Delhi NCR booking.
- DSREntry and DCREntry for the Vikas Publication (Indian client) (C#, XML, DBF, SQL-Server, Crystal report) (Timeline: Oct 2006 to Dec 2006)
- SGML Converter (Canada Client) (Report generation software in MS Word) (Timeline: Oct 2006 to Nov 2006)

## Qualification

- **Master of Computer Applications (M.C.A.)** from United Institute of Management, Allahabad in 2006 with Honors
- **Master of Business Administration (M.B.A.)** from Indira Gandhi National Open University.
- **Master of Commerce (M. Com.)** M. Com. from Allahabad University in 2001.
- Certified Scrum Master from Scrum Alliance from 2018

[Gaurav Kumar Singh]