

CAREER OBJECTIVE

An accomplished and performance-driven professional offering **13+ years** of IT experience in **UI design** and development of applications using **C# (WPF, Blazor, ASP.NET, Reactive), Python** Implemented best practices in different projects for smooth delivery as per customer requirements. Highly experienced and skilled Agile Developer with a strong record of excellent teamwork and successful coding project management

Change agent & problem solver with a passion for technology; skilled at grasping the big picture, conceptualizing, developing, implementing solutions & partnering closely with business leaders & senior level executives

Results-driven professional, recognized for taking on major initiatives, adapting to rapidly changing environments and resolving mission-critical issues to ensure bottom-line success

Module Design & Development
Planning & Execution
Requirement Gathering
Testing & Implementation
Enhancements
Performance Improvement
Defect Fixing
Analytical Skills
Agile (Scrum) Methodology

NOTABLE ACHIEVEMENTS

- Recognized for developing the module which can help to execute all the Linux Scripts right from the Windows Application using **PLINK**
- Awarded Windows Phone by Microsoft for successfully creating **SkyDrive** app for Windows Phone.

PROFESSIONAL SUMMARY

- Development engineer with hands on experience **C#, Python, ASP.NET MVC, Microsoft Blazor, Reactive, .NET Core 3**, AngularJS, AJAX, Python, **WPF, WCF, LINQ, PL/SQL**, Oracle, Sybase, Infragistics, DevExpress, Solace, Tibco, Solace, MS-SQL Databases, HTML, CSS, JavaScript, JSON, **AWS, Azure**, Windows Services, and Web Services.
- Extensively worked on **Power BI** and **Tableau**. Also used Python to integrate the data to the **Power BI**.
- Having extensive working knowledge in XML/XSL, Source Controls (perforce, SVN), OOPS, Memory Management, Threading, Async programming, Three-Tier architecture design and Service Oriented Architecture (SOA) design.
- Front office **Rapid Action Developer**.
- Created unit test case using **NUnit** and **Moq**.
- Decreased the memory usage and tune the performance of the system by reduced Object Creation. Used **ANTS** Memory Profiler and **Jetbrains** DotMemory.
- Used **SQL-Server/Sybase/Oracle** Execution Plan to address the performance issue. Re-wrote the SQL in effective way by used hash/index join, index hints.
- Strong Objects Oriented Programming Concepts (**OOPS**).
- Expert in Source control like **GIT**.
- Implemented continuous integration practice with **TeamCity, Bamboo, Jenkins** managed source code branching and merging on **GIT/Perforce** for the project development.
- Expertise in designing UML design patterns such as Singleton, Factory, MVC, and UI development patterns like **MVVM** and **PRISM**.
- Good working knowledge of **Design Patterns**.
- 10+ Years' experience in working in Agile (Scrum) methodology.
- Microsoft Certified Professional: 70-536, 70-528.
- Member of a global team that adapts agile, test-driven and continuous integration practice to the development of applications for constructing, maintaining and feeding derivative parameters such as volatility and dividend curves to equity derivatives traders. Contributing to all phases of the application life cycle.
- Documented user requests and production incidents in **JIRA** and shared technical knowledge on **Confluence**.
- Exceptional skills in **Agile Development** and **Test Driven Development**
- **Good experience working on Ubuntu and Linux Terminal**.

EXPERIENCE SUMMARY

Duration (YYYY/MM)	Organization, Location	Designation
2019/11 - 2020/11	CLSA, Hong Kong	Sr. Software Engg.
2018/09-2019/11	J.P. Morgan, Hong Kong	Assistant Vice President
2009/09 – 2018/09	Barclays Capital, Singapore	Assistant Vice President
2006/12 – 2009/09	Tata Consultancy Services	Assistant System Engg.

EDUCATION

Degree	University	Year Of Passing	Percentage
B.E.	Mumbai University	2006	67%

SNAPSHOTS OF RECENT PROJECTS

CLSA, 2019 – Nov 2020, Sr. Algo GUI Developer, Hong Kong – Algo and Machine Learning

- Currently involved in the development of Algo Engine and Algo GUI application (**iAlgo**). **iAlgo** is strategic inhouse project for Electronic Execution Trading.
- Involved in UI Development of **iAlgo** using **WPF, MVVM** pattern with **Prism Framework, & Web Development with Microsoft Blazor**.
- Created a new analytic application for the **Algo Engine (Focal Point)**.
- Created an **Auto-Deployment** framework for installing the application on Trader's machine.
- Involved in automating the UI Testing using **TestComplete** and also using Nunit Framework for testing the Business Layer.
- Involved in creating the reporting framework which sends report automatically to client.
- Involved in **Python** development to integrate the data with **Power BI** and **Tableau**
- Full life cycle analysis and documentation, including Business Requirements definition, Feasibility study, Functional Specifications, Test Strategy, Test Cases, UAT and Implementation Plans
- Involved in Design Level Architecture team.
- Involved in the Development of Business Components.
- Involved in regular Sprint Planning and Scrum meeting including all the stakeholder.
- Followed TDD approach for the development.

Languages & Technologies Used: C#, Python, XML, .NET 4.7, .NET Core, WPF, WCF, DevExpress 20, Microsoft Blazor, Solace, Tibco

Database: Oracle, Azure

Continous Integration and Deployment: Bamboo, Jenkins, Squirrel Windows for Deployment

J. P. Morgan, 2018 – Oct 2019, Assistant Vice President, Hong Kong – Program Trading Developer

- Involved in the development of Order Management System(NextGen) & Sales Application (NewGem). NextGen & NewGem are both strategic in-house project for Program Trading (Basket Trading).
- Involved in UI Development of both **NextGen & NewGem** using **WPF, MVVM** pattern with **Prism Framework & Reactive**
- Involved in automating the UI Testing using **TestComplete** and also using Nunit Framework for testing the Business Layer.
- Involved in Design Level Architecture team.
- Involved in the Development of Business Components.
- Involved in regular Sprint Planning and Scrum meeting including all the stakeholder.
- Followed TDD approach for the development.

Rishi Daftary, Algorithmic Developer (C#, WPF, Blazor, Reactive, Python)
rishi.daftary@gmail.com

Languages & Technologies Used: C#, Python XML, .NET 4.7, AngularJS, HTML5, Javascript, WPF, WCF, Reactive, CSS, Infragistics, DevExpress 19, Tibco.

Database: SQL Server, Oracle, AWS

Continous Integration and Deployment: Team City, AIMS Deployment

Barclays Capital, 2009 – 2018, Assistant Vice President , Singapore – Risk & Analytics - Agile Developer

- BARX Options Risk is the strategic in house project for risk management for intraday and end-of-day for products across different asset class. It is based on XML run request definitions containing information about trades, books, risk metrics, model/pricer, market data which is submitted to CRE for calculating intraday/EOD risk.
- Involved in UI Development of **BARX Risks & Options** using **WPF** with **Prism Framework**
- Involved in UI Development of **BARX FX Risk** using **WPF** with **Prism Framework**.
- Involved in the Front office development for FX Traders and also used to do Requirement Gathering for enhancing and developing the new application.
- Full life cycle analysis and documentation, including Business Requirements definition, Feasibility study, Functional Specifications, Test Strategy, Test Cases, UAT and Implementation Plans
- Involved in Design Level Architecture team.
- Involved in the Development of Business Components.
- Involved in regular Sprint Planning and Scrum meeting including all the stakeholder.

Languages & Technologies Used: C#, .NET 4.5, AngularJS, HTML5, Javascript, WPF, WCF, ASP.NET MVC, DevExpress 19, Solace

Database: SQL Server, Sybase, Oracle, Azure

Continous Integration and Deployment: Team City

Tata Consultancy Services, Assistant System Engineer - Client Wolters Kluwer

- For Wolters Kluwer client I was part of the development of [PROVATION MD](#) and [CTADVANTAGE](#).
- PROVATION MD is the first medical-procedure documentation and coding compliance for Gastroenterology and Pulmonology.
- CTAdvantage was the Redesign web application which provides corporate services to attorney. I was involved in the Design Level Architecture team and started my career with this team. Involved in development of ASP.NET WebPages.

Languages Used: C#, .NET 2.0, ASP.NET, WinForms, ASP.NET, JavaScript, Ajax, HTML, CSS, XML

Database: Oracle