

Pankaj Soni

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Career Summary

- Software Engineer with 8 Years of working experience in Morgan Stanley
- Experience working in Web and Desktop application development
- Extensive experience with .NET (>7.5 years), AngularJS 2.0(>1.5 years)
- Expertise in leading Front-end design (including Mock ups) and development
- Intermediary experience working in WPF
- Intermediary experience working in java (>1 year)
- Expertise working in D3JS, ASP.NET, MVC, WEBAPI, Javascript, JQuery
- Experience working with Wealth management as well as Infrastructure projects
- Completed B.E. (Hons.) EEE and M.Sc. (Hons.) Physics under dual degree program from **BITS Pilani**
- Secured 5th rank in 12th Grade Chhattisgarh State board in 2004

Technical Skills

S.No	Category	Software / Tool / Technology
1	Language	C#, JavaScript, JQuery , AngularJS(1.x & 2.0), D3, SASS, SQL, XSLT
2	Technology/Framework	ASP.NET, WCF, MVC, WEBAPI, WPF
3	Other	MVC/MVVM pattern

Key Achievements

- Working as a Technical lead for past 4 years
- Working as UX/UI designer for the department for past >1 years
- Demonstrated exceptional working skills and involved in framework development which is used to host more than 250 applications, one of the most critical project in Morgan Stanley after merger with Smith Barney.
- Because of domain knowledge and debugging skills, sent to New York twice in 3 years for short term assignment (During 3D Framework Project)
- Secured 5th Position in Chhattisgarh State Merit list in 12th Grade

Professional Experience

❖ All the projects are for Morgan Stanley.

Project	TAI FIRE
Duration	Sept 2016- till date
Technology	Angular JS 2.0, JQuery, D3JS, Java
Roles & Responsibility	Technical and design lead - Coordination with other teams and onshore business for requirement gathering, designing the product and get it implemented UX designer – Understand the business requirements and create the UX proposals and then get it implemented
Project Details	TAI(Technology Asset Inventory) is one of the most critical project of Morgan Stanley Infrastructure department. TAI FIRE is an initiative to migrate many of these infra applications onto new technology stack. There were multiple applications that I worked on –

- 1) TAI Home – This is the lending application of the new platform. It has a card view which shows the summary of different application in the TAI FIRE world. The UI project is completely built on Angular 2 with java backhand.
- 2) Reporting – There are different use cases in the Infra world where people want to see reports. These reports are used for costing and audit purpose. These are also useful to understand the dependencies between different Infrastructure nodes. The project is to move the old FLEX UI on Angular 2.
- 3) Explorer – This application was responsible to give the detail about any asset in the Morgan Stanley infrastructure. All the hardware and software systems are registered in this application and this application is leveraged to view the detail about all the assets. This is Angular 2 project.
- 4) Disk Tracker – This application was created to track the life cycle of the hard drive in the infra world. As audit purpose firm should be able to give the state of any hard drive used. The tool was built to track and store the transition points (like offline, online, BreakFix etc.) and generate report out of it. This project was built using Angular 2 and D3JS with Java backhand.
- 5) Questionnaire – This project was done for GDPR (General Data Protection Regulation, EU). It was an application which is used by IT System owners to fill the detail if their system is saving any user sensitive data. This project was in Angular 2 with java backhand.

Project	PTI UI Services
Duration	Feb 2015 – Sept 2016
Technology	C# ASP.NET WEBAPI
Roles & Responsibility	<ul style="list-style-type: none"> • Technical and design lead • Coordination with other teams and onshore business for requirement gathering • Coordination with performance testing team to get every component evaluated
Project Details	<p>PTI(Platform transform initiative) is a project to restructure multiple application and give user a customizable view to best meet his/her business needs. The service layer was responsible for making the business service call and give consolidated data back to UI, so that UI need not to put any business logic. Service layer was distributed in 3 parts –</p> <p>WebApi–</p> <ul style="list-style-type: none"> ○ RESTful service layer exposed to UI. ○ Responsible for loading the configuration of providers ○ Service request using orchestrator and dataprovider <p>Orchestrator –</p> <ul style="list-style-type: none"> ○ Implemented as an independent component ○ Based on configuration identify the provider and call it ○ Split the request and consolidate the responses back <p>Data Provider –</p> <ul style="list-style-type: none"> ○ Responsible for making business service calls ○ Get and filtered data which is compatible with the UI.

Data provider has multiple projects. I was responsible for implementing few of those

- Plating – Provider to give client detail (like name, address, contact, portfolio status, type of the account, any notes advisor wants to see, and other business-related information) associated with the given account. This provider make use of 6 different business services, calling them in parallel and consolidating the data back
- Performance – Provider responsible to give performance of the given account based on some business filter criterion.
- Insight - Insight is a kind of opportunity. This gives information if a given account has any good opportunity available for investment. These providers were responsible of making Insight service call and get the data and serve it to UI.
- Asset Allocation – This provider was responsible for fetching portfolio of the client in the different asset classes.
- HYS (High yield savings) – This provider was kind of promotion module, which fetches different kind of promotions available across wealth management for the client. It was created to attract more cash to the firm.

Project	PDF Generation utility
Duration	Dec 2015 to Sept 2016
Technology	C#, XSLT, JQuery
Roles & Responsibility	<ul style="list-style-type: none"> • Analysis of the requirements & designing architecture of the system. • Technical and design lead • Coordination with other teams and onshore business for requirement gathering
Project Details	PDF generation is utility created across wealth management department, which can be leveraged by different application to print their content on PDF format.
Project	App Launch utility
Duration	Dec 2015 to Sept 2016
Technology	C#, XSLT, JQuery
Roles & Responsibility	<ul style="list-style-type: none"> • Analysis of the requirements & designing architecture of the system. • Technical and design lead
Project Details	Applaunch is a project which is proposed to avoid duplication of work across different teams for similar functionality. Every position under an account has some action associated with it, which is derived from different business rules. Currently those business rules are duplicated across multiple application. Any change or enhancement required will impact every application. With the new proposal, all this duplicate effort can be avoided.
Project	Strategic performance reporting – Parameter widget
Duration	Feb 2014 to May 2016
Technology	JavaScript, JQuery

Roles & Responsibility	<ul style="list-style-type: none"> • Analysis of the requirements & designing architecture of the system. Technical and design lead • Coordination with other teams and onshore business for requirement gathering
Project Details	<p>SPR(Strategic Performance Reporting) is report generating system where user can customize report, check the preview and generate the PDF.</p> <p>Parameter Widget is reusable component built purely on JavaScript and jQuery, which is used to customize the report in terms of time period and business calculation. It has multiple config driven parameters which are used by end users ex. – As of (till when we want to see the report), Period interval (At what interval do we want to see the data in the report), Time weighted or dollar weighted, Advisory returns or brokerage returns etc.</p>
Project	Strategic performance reporting – HTML Preview
Duration	Feb 2014 to May 2016
Technology	C#, ASP.NET MVC, JavaScript, JQuery
Roles & Responsibility	<ul style="list-style-type: none"> • Analysis of the requirements & designing architecture of the system. • Technical and design lead • Coordination with other teams and onshore business for requirement gathering
Project Details	<p>SPR(Strategic Performance Reporting) is report generating system where user can customize report, check the preview and generate the PDF.</p> <p>HTML Preview - This project is to generate the preview of the report before printing it on PDF. It was purely MVC application and Microsoft charts were used to generate the preview charts. The project includes extensive usage of Razor engine. The project includes the preview of performance data, Income data and Asset allocation of the portfolio.</p>
Project	3D V2
Duration	Jan 2013 to Nov 2013
Technology	JavaScript, JQuery, AngularJS 1.2
Roles & Responsibility	<ul style="list-style-type: none"> • Analysis of the requirements & designing architecture of the module. • Idea and approach lead – I came up with the idea of having the framework in Angular and later did POC which was eventually adopted as project. • Module lead - Coordination with other teams and onshore business for requirement gathering
Project Details	<p>3D V2 was version 2 of existing 3D framework, built on pure web. 3D was a thick client hosting 200+ applications in it; V2 was the replacement for 3D to have pure web application, hosting others. The idea was to give user flexibility in terms of book marking application and preserving state of the user view. It has multiple modules like menu items, consumer API, lookup search, preferences etc. I was module lead to implement the basic structure of the project, on which other modules can be built up.</p>

Project	3D framework
Duration	Jan 2009 to Feb 2014
Technology	C#, ASP.NET, MVC, JavaScript, JQuery, SQL
Roles & Responsibility	<ul style="list-style-type: none"> • Individual contributor • Coordination with other teams and onshore
Project Details	<p>3D framework is a WPF application built to host other business applications, giving user a single click solution for all the required application. It has multiple features in it and I was given complete responsibility on following features of the project –</p> <p>Favourites – This feature of 3D allowed user to mark any application as their favourite. User can also mark any account or client as their favourite and their favourite marked apps and client will be shown in the different list for quick access. I was responsible to implement the API which UI can leverage in order to save and get the user favourites. The design includes all layer of project that is client, web and the database.</p> <p>Pub-Sub - Designed and developed pub-sub mechanism which helped hosted applications to communicate based on event raised by other applications. 3D framework also utilizes the same mechanism to communicate any messages to the hosted applications.</p> <p>Navigation – Navigation was a feature provided by the 3D Shell to the application. Using this application can have link to other apps and they can pass any data to them while switching.</p>
Project	3D framework – Config service
Duration	Jan 2009 to Feb 2014
Technology	C#, ASP.NET, MVC, JavaScript, JQuery, SQL
Roles & Responsibility	<ul style="list-style-type: none"> • Individual contributor • Coordination with other teams and onshore • Completely responsible for performance improvement
Project Details	<p>Config service was the responsible for fetching the configuration for 3D desktop from database. It was also responsible of filtering the data based on user entitlement and caching data which is common for all users. I was involved in the implementation of this service. It was built purely on ASP.NET, making use of SQL to fetch the data and inbuilt customize cache was used to serve the data to subsequent requests.</p>
Project	3D framework – API Design
Duration	Jan 2009 to Feb 2014
Technology	C#, ASP.NET, MVC, JavaScript, JQuery, SQL
Roles & Responsibility	<ul style="list-style-type: none"> • Individual contributor- • API implementation • Coordination with other teams and onshore - Application support so they can easily consume the APIs.
Project Details	<p>3D framework host as well as exposes multiple APIs to the hosted applications. These APIs were exposed via APage and clientfilter</p>

AFPage– consumers can inherit their ASP.NET page with AFPage, rather than ASP.NET “Page” and the APIs will be injected.

ClientFilter- consumer requires configuring Httpmodule which will inject the APIs in their page.

Education	Collage/School	Year	CGPA/%
B.E.(Hons.) EEE And M.Sc. (Hons.) Physics	BITS, Pilani(Rajasthan)	2004-09	9.36
12th Grade	S.S.M Bilaspur(C.G.)	2003-04	90.6%
10th Grade	S.S.M Bilaspur(C.G.)	2001-02	80.4%

Personal Detail

Date of Birth	10th Aug 1986
Languages Known	English, Hindi
Nationality	Indian
Permanent Address	23, Krishna Kunj, Behind Pushpkunj Hospital, Khandwa road, Indore

Declaration

I hereby declare that all the information given above is true to the best of my knowledge and belief.

Date:

Place: