

Pawan Mishra

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weblogs.asp.net/pawanmishra

Pragmatic and passionate developer with 7.5+ years of experience in developing a wide range of application types in healthcare & financial domain.

Skills	Asp.Net MVC	C#, Java	WPF, WF 3.0	ADO.NET,EF	ASMX,WCF
	Asp.Net WebApi	SignalR	JavaScript, jQuery	SQL Server	Postgresql
	Design Patterns	AngularJs	PowerShell	NUnit,xUnit	SVN,Mercurial,Git
	Node.js	Rx, F#	Data Structure	Algorithms	Ninject

Experience ABCO Advisory Services India Private Limited (July 2010 - June 2012/September-2013 - present)
Barclays Capital (July-2012 - August-2013)
Infosys Private Limited (Oct-2007 – August-2010)

ABCO Advisory Services India Private Limited

Xede September 2014 - Present

Xede is a Java based framework for processing large amount of clinical & real-time ADT HL7 feeds. It can be configured to process data in parallel, provide de-duplication check, capture and emit various data load performance metrics via Restful API endpoints.

Contribution Restlet based restful Api implementation
Implemented data access layer using mybatis & queryDSL framework
Implemented multithreaded Java based data loaders
Node, Express.js & handlebars based JMX client for the application

Patient Data Repository (PDR) September 2013 – August 2014

PDR is a centralized large scale multi-tenant patient's data repository. It supports real-time data loading facilities, restful api based data querying and other patient centric analytics functionalities.

Contribution SQL Server Service Broker queues implementation
T4 template based code generation functionality
WPF based front end for the application
Restful service implementation using Asp.Net Web Api
PowerShell scripting for Web Api testing, application deployment & configuration
Rx based API for streaming large datasets
Multi-threaded worker engine for processing SQL Server Service broker queues
Extensive unit & integration testing using xUnit and Ninject DI container
Code reviews, task estimation & breakdown, team management

Crimson Continuum of Care (CCC) August 2010 – June 2012

CCC is a market leading analytics software that offers severity-adjusted performance profiles, enabling the hospital-physician collaboration needed to advance quality goals and secure cost savings. It is being used by over 200+ large hospital systems in US.

Contribution Significantly improved performance of pdf report generation, insight in-memory data processing engine
Part of product core ARC (Architecture Review Committee) committee

Extensive refactoring & performance optimization of various SQL Queries
Used strategy & other design patterns for simplifying complicated table measure reporting functionality
Implemented various modules using DDD model
Extensive unit & integration testing using NUnit, Moq & StructureMap

Barclays Capital

Meteor & CDRP

July 2012 – August 2013

Meteor is a trade capture tool used for precious and base metal trading. It interacts with other trade processing components like LME, OpenLink, Prospect etc. It's a desktop based application built on top of WPF platform. **CDRP** is a commodities specific in-house developed risk calculation engine used for calculating risk of vanilla and exotic trades.

Contribution Development & functional testing of downstream feeds
 Configuring TeamCity builds. WIX installer based development & deployment.
 Level 3 application support for various trade processing applications
 WPF & Asp.Net based application development

Infosys

Buzz & IMAP

Oct 2007 – August 2010

Buzz is a collaboration tool built on top of SharePoint platform. It consolidates functionalities like file sharing, chat, feed processing, email integration etc. **IMAP** (Infosys Modular Account Payable) is an invoice processing application built on top of Skelta BPM framework. The application used OCR technique for fetching data from scanned.

Contribution WPF & WCF based application development
 Introduced async programming model for WPF development
 Implementation of Behaviours & Animations in WPF
 Implemented WF 3.0 based internal workflow runtime engine
 Introduced design patterns, unit testing & other latest technical offerings from Microsoft

Education

B-Tech (Honours) with gold medal in Computer Science from Dr. MGR Deemed University, Chennai with **9.2 CGPA** (2003-2007).

Other

US **B1-visa** valid till July 12th, 2021.

Part of ABCO's **IIT Mumbai** interview panel. Interviewed more than 400+ candidates in ABCO & Barclays combined.

Personal Github repository: <https://github.com/pawanmishra/>

2000+ points in StackOverflow forum & Star member in Asp.Net MSDN forum

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