

Himanshu Pathak (Risky Pathak)
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Objective:

To tune my *programming passion* with a project's (read software) need and work in a challenging environment with opportunities to enrich my technical & domain skills.

Technical Skills:

Expertise: ASP.Net, C#, SQL Server, .Net Win Forms

Good at: Data Structures, WPF, WF, WCF, UWP, Classic ASP, RESTful Services, Amazon AWS, JavaScript (Jquery & Other Libraries), CSS

Tuning: Android/iOS & other mobile applications using Apache Cordova & XAMARIN.

Domain Expertise: Health, Flight, Identity Management, Banking, Cards Services

Other Skills: Good Analytic Skills, Strong Grasping power, Learning Aptitude

Tools Hands-on:

MS Visual Studio (All versions since 2003), MS SQL Server(All versions since 2005), MS Visual Studio TFS, MS FIM Sync Engine & Connectors, MS Internal Tools, MS Visio Express, MS Server(2003/2008/2012), Tortoise Subversion, Soap UI, GIT Hub, Fiddler, BitBucket.

Freelancer Programmer Experience: 3~ Year in Microsoft Technologies

Profile Links:

<https://www.freelancer.com/u/riskypathak.html>

<http://www.upwork.com/o/profiles/users/~01cb11316387117812/>

Provided solutions to mid-size business (from various parts of world)

- ⇒ Developer, **The Pas Dental Clinic, Canada** (Mar 2016 – Current), Remote
 - Windows App, Services & Web Applications development in Winforms, WPF, Asp.Net MVC, Sql Server for dental system.
 - Integration with existing application.
 - An android application using Apache Cordova.
- ⇒ Developer, **CMU Eye Care Specialist, Australia** (Jun 2015 – Sep 2016), Remote
 - Windows App, Services & Web Applications development in Winforms, WPF, Asp.Net MVC, Sql Server.
 - Integration with existing applications (web & windows)
- ⇒ Programmer, **BeFree Networks & Cloudified, UK** (Jan 2015 – Jan 2016), Remote
 - Utilities development for Communication Networks
 - Mono (.Net Framework)
- ⇒ Programmer, **Nominate Pty Ltd, Australia**(Oct 2013 – Aug 2014), Remote

- Web Application development
 - Classic ASP to ASP.Net Web Forms Migrations
- ⇒ **Migrating Solutions:** Have converted Legacy applications to emerging MS Technologies
- Classic ASP to Asp.Net Web Forms/MVC.
 - VB6 to C# Windows Forms Application.
 - MySQL to MS Sql Server Database Migration.
- ⇒ **Business Specific Utilities:**
- Import/Export and Process Excel/Document/PDFs.
 - Automation applications (bots) for performing windows & web tasks.
 - Crawling/Spidering Websites & API.
 - CRUD Operations Desktop Applications.
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- ⇒ **Imparting Knowledge:** Have given tutorials to students on Various Core Concepts(Basic C#, Database Basics, ASP.Net, Application Designing)

Industry Experience: 5 Years in Microsoft Technologies

- ⇒ Lead Engineer, HCL Technologies, Noida **(Experience- 1.5 Years)**
- Working as SDE for **Microsoft's** "Forefront Identity Management" Connectors.
 - Part of development and maintenance of **Forefront Identity Manager Connector for Web Services** developed using **WPF, WCF and WF**.
- ⇒ Technology Analyst, Infosys Limited, Chandigarh **(Experience- 3.7 Years)**
- Worked as **Programmer** for "**LEGO**" Program (**Web Application/ Services** development in ASP.Net 3.5, SQL Server 2005 & WCF) of American Express.
 - Indulged in development/maintenance of in-house tools developed in Microsoft Technologies.
 - Training in **Dot Net Stream(C#, MS SQL Server, ADO.Net, ASP.Net)** with a CGPA of 5/5

Education Qualification:

- **B.Tech.** from Guru Gobind Singh University, Delhi in 2008 in **Computer Science & Engineering** with an aggregate of 74.64%
- Senior Secondary from CBSE in 2004 with an aggregate of 76%
- Secondary from CBSE in 2002 with an aggregate of 88%

Projects (As Freelancer Individual)

Dental Scheduler

Client: The Pas Dental, Canada

Technology: C#, WPF, Sql Server

Description: *A custom appointment scheduler to ease job of management of patient appointments.*

Dental Ticketer

Client: The Pas Dental, Canada

Technology: C#, Asp.Net MVC, JQuery, Apache Cordova, Sql Server

Description: *A custom ticketing solution for internal use of clinic staff.*

Clinic Intelligence

Client: CMU Eye Care Clinic, Australia

Technology: C#, Asp.Net MVC, JQuery, WPF, Winforms, Sql Server

Description: *A solution consisting of windows & web applications to ease job of staff at an Eye Hospital.*

Rig Docu

Client: Germany

Technology: C#, WCF, WPF, Sql Server, Winforms

Description:

Automate jobs of creating Manuals for Oil Rig Projects.

This was the windows app to create projects and manage its multiple sub features. Once project is completed the user have an option to publish it to server.

Sync: A single project can be used by different persons at different machines. So it was mandatory to write a component which will sync actions of a project.

Photo Docu

Client: Germany

Technology: C#, Windows Metro App Programming (8.1), Rest APIs

Description:

Automate jobs of clicking pictures and assigning them to Oil Rig Projects.

This project was to automate the manual job of clicking picture and them syncing them to project's actions. This is a windows metro app running on windows tablet. The job was to click images, edit tags/description, add comments and then sync with corresponding project's action.

Projects (With Team)

Forefront Identity Manager Web Service Connector

Client: **Microsoft**

Duration: September 2012 – Present

Team Size: 20~ = 90% (Offshore) + 10% (Onsite)

Location: Redmond (Washington), Noida, Hyderabad

Role: SDE (Systems Development Engineer)

Technology: **C#, WPF, WCF, Windows Workflow**

Database: MS SQL Server

Environment: MS Windows Server 2008/2012

Description:

Forefront Identity Manager Connector for Web Services helps to synchronize identity information, easily provision and deprovision accounts and identity information and also provides password management capabilities for Web Services enabled systems, such as ERP systems (SAP, Oracle EBS, and Oracle PS).

Key Achievements:

- ⇒ Generic Web Service Connector for any data source exposing Identity objects using **SOAP Services**.
- ⇒ Binding support for all commonly used WCF bindings.
- ⇒ Independent (of internal MS utilities) **WSDL Parser & Compiler**.
- ⇒ Rehosted Workflow Designer to define flow of operation. *Used MAF(Microsoft Add in Framework)*
- ⇒ **Customized WCF Workflow Activities** for easy channel communication.
- ⇒ Enhancing connector to support **RESTful** services for XML & JSON media type.

Responsibilities:

- Part of **Planning & Estimation** for new upcoming features.
- Develop Mockups & Demos for Request Proposals.
- Document **Functional Specifications & Detailed Level Design** of features.
- Coding & Unit Testing.
- **Peer Code Review** using Microsoft Internal Tool.
- Code Version Management and Bugs Management using TFS.
- **Automated Regression Testing** using Microsoft Internal Test Tool.
- **Sustenance**
 - Investigate issue and fix in defined SLA.
 - Regular updates on TFS.
 - Regular communication with support team and customer.

LEGO Program

Client: **American Express**

Duration: January, 2010 – September, 2012

Team Size: 35~ = 85% (Offshore) + 15% (Onsite)

Location: Phoenix (Arizona), Chandigarh, Pune, Bangalore, Bhubaneswar

Role: **Offshore Programmer**

Technology: ASP.Net 3.5, C#, **WCF**

Database: MS SQL Server 2005

Environment: IIS, MS Windows Server 2003

Description:

A shift in strategy to a set of core products (cards) with optional add on Packages means fewer products and more customization

Responsibilities:

Analysis Phase:

- Develop HTML Pages for creating screenshots of Application and hence application flow in PowerPoint Presentations in case of UI Project.
- Gather data from other teams when application is interacting with other systems.

Design Phase:

- Develop American Express Standard Design Documents (Class Diagrams, Sequence Diagrams and Detailed Design Documents etc.), XML Schemas, Component and Assembly Test Cases.
- Analyze System Design Architecture, Solution Structure, Physical Database Model and Logical Database Model.

Build Phase:

- Implement Solution Structure as per Design Architecture
- Create Database objects (Store Procedures, Views and Functions) and Scripts generation for data insertion/modification.
- Code Review and Unit Testing.

Testing Phase:

- Assembly & Component Testing.
- Bug Fixing, Code Optimization and Code Refactoring.

Maintenance Phase:

- Warranty Support
- Knowledge Transfer to support team in case of transition.

Other Roles:

- Introduction of Program (Business Knowledge), Database Schema, Application Flow and Code Flow to new team members.
- Provide session on coding guidelines, refactoring and optimization.
- **Configuration Controller.**

Other Interests:

Computers, Mythology, History

Personal Details:

Date of Birth: 15th January 1987

Father's Name: Mr. Trilochan Pathak

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