Position – Sr. Software Engineer

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| Candidate Full Name | Shivkanwer Singh Sidhu |
| Current Location | Chandigarh |
| Current Organization | Infosys Ltd. |
| Total yrs of Experience | 4 Years |
| Qualification | B.E ( Computer Science ) |
| Notice Period | 3 Months ( Buyable ) |
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**Shivkanwer Singh Sidhu**

I work as a Technology Analyst at Infosys Ltd. with 4 years of experience. I am curious, and I enjoy the work that challenges me to learn something new and stretch in a different direction.

### Infosys Ltd. July 2012 - Present

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| **April 2015 - Present** | **BT-Pulse** This project involves development of an application for field engineers and deploying it in Azure. The purpose of this exercise is to create a product which the client can sell to other customers using Software as a Service model. The application supports multi-tenant scenarios where in different customers execute their respective workflows while utilizing the same underlying cloud infrastructure and resources.  **Technologies:** Azure BizTalk Services, C#, .NET, Azure SQL Server, Azure API Apps, Azure Mobile Services, Windows Phone App development, WCF, Azure Service Bus  **Roles and Responsibilities:**   * Developed Azure BizTalk solution which interacts with different external Work Allocation Systems * Created Azure Mobile Services which act as a gateway for authenticating users against different identity providers * Developed two Windows Phone Apps which act as front-end for the application * The product follows Plug and Play architecture, so I have created multiple Azure API Apps for different features of the product. The customers can configure which ever services they want to use. |
| **Dec 2014 –March 2015** | **Knowledge Share Community** Developed two Intranet portals which are accessed specifically by tablet users (Car Mechanics). The requirement for this project was to create different forums for different vehicle manufacturers (like Audi, BMW etc.) which could then be utilized by users for asking queries, creating discussions, uploading documents, searching information etc. The information is organized into different categories like brakes, engine oil, suspension etc. Another requirement was to create a compelling UI using which users can access information naturally and intuitively.  **Technologies:** SharePoint 2013, Managed Metadata, JSOM, JavaScript, JQuery, HTML, CSS  **Roles and Responsibilities:**   * Developed a tiled interface (like the one present in windows 8.1) for facilitating the navigation. Users can tap on a manufacturer tile for e.g. Audi and various models of Audi are loaded in the form of tiles. User can then further dig down to reach a particular forum * Developed a quick search functionality using which users can reach the intended forum quickly * Created custom scripts which utilize SharePoint’s managed metadata feature for building the navigation structure * Created custom scripts for automating the creation of new forums |
| **Aug 2014 – Nov 2014** | **Business Change Risk Assessment** Client required an easy and reliable way to track multiple projects running in different departments of the enterprise. This SharePoint 2013 Portal gives departments their designated workspace for creating projects as well as tracking them and at the same time gives higher management full details in the form of multiples reports. Various workflows have been imposed for monitoring the health of each project. In case if any risk is sensed, notifications are send to designated stakeholders.  **Technologies:** SharePoint 2013, SharePoint Designer, Nintex Workflows 2013, XSLT, JavaScript, JQuery, C#  **Roles and Responsibilities:**   * Created custom reports which combine data from all the departments and generate meaningful graphs and heat maps * Developed custom workflows for monitoring the health of each project and sending notification in case of critical situations * Developed custom workflows to send notifications/reminders to users for completing any pending activities |
| **April 2014 – July 2014** | **Diversity and Inclusion** The focus for this project was to build a site based on theme of Diversity and Inclusion. This portal allows users from different cultural backgrounds to collaborate with each other. Each community has a separate site which contains discussion forums, event calendars, community news, member stories etc. Users can join any community and take part in events and discussions. The Site Owners have the functionality of requesting funds for organizing events.  **Technologies:** SharePoint 2013, SharePoint-Hosted Apps, Nintex Workflows 2013, C#, JavaScript, HTML, CSS  **Roles and Responsibilities:**   * Developed custom workflows for allowing users for requesting funds and reimbursements * Developed a custom functionality to allow the users to join multiple communities in one go * Created a slider banner which is a SharePoint hosted app. Each community can use this app to display their customized content in the banner |
| **Nov 2013 - March 2014** | **Framework Components** This project involved development of custom components on top of SharePoint 2013 for enterprise wide usage. These components included - Automating the Site provisioning process, Settings up document retention policies, Building a knowledge repository, Site Attestation Process and Reporting.  **Technologies:** SharePoint 2013, C#, Nintex Workflows 2013, Power Shell, ASP.NET, Visual Web Parts  **Roles and Responsibilities:**   * Created Power Shell Scripts for applying Site Retention policies * Developed custom workflows for site attestation process. These workflows kick in automatically after certain time duration and monitor the unused sites in the system and take action. They also assign tasks to Administrators for handling cases like changing the Site owner, changing site details etc. * Developed custom visual web parts to allow users to submit their inputs with regards to Site Attestation Process * Developed custom visual web parts for reports and utilized Google charts API for pictorial representation |
| **March 2013 – October 2012** | **Migration from MOSS 2007 to SharePoint 2010** This project involved migrating ~5 TB of data from source system i.e. MOSS 2007 to SharePoint 2010. The Sheer size of data and stringent timelines were our biggest challenge.  **Technologies:** SharePoint 2010, Metallogix – Migration Manager, C#  **Roles and Responsibilities:**   * Developed custom utilities using C# and Visual Studio for migration of documents * Used the Metallogix tool for migration |

### Infosys Ltd. Jan 2012 – May 2012 /Intern

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| **Jan 2012 – May 2012** | **My PlanEnR** A windows phone 7 based application for Infosys’s Education and Research department employees. It allows the educators to keep track of their time table and upcoming sessions on the go. In case there are any changes to the time table, toast notifications are send to educator’s phone.  **Technologies :** C#, XAML, WCF, Asp.NET, SQL Server 2008  **Roles and Responsibilities:**   * Developed the Data Access Layer and WCF service * Designed the front end using XAML |

### Personal Project

**Bloom Diary**

Windows store app which allows the users to Record their lives as they live it. From once in a life time moment to daily activities, Bloom diary's elegant interface makes journaling a simple pleasure. Users can record their experiences, thoughts and activities using [Bloom Diary](http://apps.microsoft.com/windows/en-in/app/bloom-diary/3a0db9d5-6d26-4e49-b0fb-5d469f52cd90). As of now the app has ~40k downloads and 4.3 rating.

**Technologies:** C#, XAML, SQLite for Windows runtime, Bing Maps SDK, Syncfusion WinRT controls, MVVM

### Technical Skills

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| **Programming** | C#, JavaScript, jQuery |
| **IDE** | Visual Studio |
| **Branding** | HTML, CSS, XAML, XML, XSLT |
| **Databases** | SQL Server, SQLite |
| **Tools** | SharePoint Designer 2010 and 2013, Nintex Workflow 2013, Metallogix Migration Manager |
| **Web Application Platform** | SharePoint 2010, SharePoint 2013, ASP.NET, WCF, Office 365 |
| **Cloud Technologies** | Azure BizTalk Services, Azure Mobile Services, Azure API Apps, Azure Storage, Azure Service Bus, Azure Cloud Services |
| **Mobile Platforms** | Windows store app development |

### Certifications

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| * Programming in C# * Essentials of developing Windows Store apps using C# and XAML |

### Education

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| **2008–2012:** | **Bachelor of Engineering - Computer Science** [*Chitkara University*](http://www.chitkara.edu.in/)*, Himachal Pradesh, India* **- 8.81 CGPA** |
| **2008:** | **XII – CBSE** *Akal Academy, Sri Muktsar Sahib - Punjab, India* **- 79 %** |
| **2006:** | **X – CBSE** *Akal Academy, Sri Muktsar Sahib - Punjab, India* **- 89.8 %** |

### Interests and Activities

* State Level Player in Lawn Tennis and Athletics.
* Part of core organizing committee at Chitkara University - organized multiple National level fests and events.