SUSHANT KHURANA

Male, 25 Years
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SKILL SET:

PROGRAMMING LANGUAGES AND SKILLS	C#, WPF (XAML) Python, Tornado Agile (Scrum) based management methodology Intermediate knowledge of VC++ and GC++ HTML and JavaScript Data Structures and Algorithms Software Development Architectures and Patterns (MVVM, M-V-MV-VM, Singleton etc.)
LIBRARIES AND TOOLS	NET 3.5, 4.0 Visual Studio 2008 Microsoft Team Server, Tortoise SVN (Sub-Version), GIT NUnit, Microsoft Unit Testing Framework NAnt, MSBuild NHibernate ORM, ADO.NET MS SQL Server 2005, 2008, Mongo DB (Schema less) FxCop, ReSharper Tools Comfortably worked on Windows 7, Windows XP, Windows Vista, Ubuntu, OpenSuse, Mac (Lion) OS
CERTIFICATIONS	**.NET – MCPD Certified Microsoft Windows Developer - .NET 4.0 Framework** Completed a course in Linux Administration (RHCE)

EXPERIENCE: 2 Years 09 Months - (Since January 2009)

Simversity (Core Programmer) – June 2011 till Date
- Part of the core development team for creating a web based socializing platform for education
- Work involved problem solving, programming, enhancement and taking tricky interviews.
- Technologies used are Python, MongoDb, Tornado, HTML, Javascript (Jquery).

Nagarro Software (Senior Software Engineer) - Dec 2009 Till June 2011
- . NET Development with C#, VC++, WPF, I18N multi-language support for Lutron Electronics and other major clients of Nagarro Software.
- Agile (Scrum) Process Management (Performed the role of a scrum master).
- Worked for Lutron Inc. to develop an automated Light Control System.
- Mentoring Fresher's from reputed institutes for Resource intake (IIT, DCE, DU).

Truknox Technologies(Software Development Engineer) - Jan 2009 to Dec 2009
- Working on a Digital Signage Software majorly on Databases and SerialPort. Technologies used are .NET, SVN, NAnt, ADO.NET, WPF.

PROJECTS:

Simversity socializing for education
- Interacting with third party REST based API's such as twitter, Opentok, facebook, Google docs, youtube etc to support such services with our own API.
- Writing python based server side code to handle requests and minimize response time.
- Making architecture level decisions and writing modules specific to our own RESTful API and client.

Lutron Electronics -RadioRA2 & HomeworkxQS   Apr 2009 – June 2011
- Programming Software for Electricity controlling Systems of Lutron Inc. called RadioRA2 for Home based System.
- Role: GUI Development with Embedded support in C#.NET and WPF using M-V-MV-VM Architecture for programming devices of an Electricity Controlling System.

- Medicine Management Software
- Role: DLL development, Refactoring native VC++(Win32) and implementing C# and WPF on MVVM pattern to develop the UI.

Mahindra and Mahindra: Hy Tek   Apr 2009 - May 2009
- An award winning application with which has been integrated with a hardware developed by the firm itself. Two RF modems for wireless serial port communication and developed an application to monitor the depth of the plough and the time it was inside the ground.
- Role: Back End RS 232C communication work, Project Deployment on field, using a Hy Tek Tractor by Mahindra and Mahindra

NHibernate Forge: **Writing a Patch for NHibernate (.NET port of Java ORM Hibernate) for MS SQL CE Metadata**
                                                                                        Mar 2009
- Resolved a bug in the ORM by implementing the metadata acceptance of MS SQL CE which was previously not supported by NHibernate. Thus NHibernate now supports SchemaUpdate function for the above said Database Server which helps in addition of columns (to be more generic DDL commands) in Databases (usually required in versioning of software products when new Database Schema comes up in newer versions).
- http://nhjira.koah.net/browse/NH-1708

Truknox Technologies: Creating a Data Access Layer for a Digital Signage Software Suite(True I)   Feb - Apr 09
- Created a Data Access Layer which takes databases or a set of organized data (such as CSV or RSS or XML), displays the set of tables and Serializes as well as Persists the data tables that are required by the user (check pointing) in a common List object format using binary serialization. The whole product was based on C#, WPF, and MVVM.

Truknox Technologies: Creating an RS 232 Interface for a Digital Signage Software Suite (True I). (Jan 2009)
- Project Details: The interface is used for communicating with a microcontroller which is used as a presentation remote in a video player of the digital signage software using serial port (RS 232C) using C#.NET as my internship project.

EDUCATION:

Examination	Year	Institution	Result
B.TECH (Hons) - Computers	2009	Y.M.C.A Institute of Engineering, Faridabad	75.47%
AISSCE (Class XII)	2004	Ryan International School, Noida	88.40%
AISCE (Class X)	2002	Ryan International School, Noida	80.80%

AWARDS & ACHIEVEMENTS:

- Academic Excellence Award (Second Position) 2006-07 from YMCA Institute Of Engineering.
- Judged the software design competition at Delhi Technical University (formerly Delhi College of Engineering) with eminent Professors from the University.
- Various Rock Band Competitions won representing the YMCA band as pianist.
- Table Tennis (3rd Position) for boys doubles at YMCA Institute Of Engineering, Faridabad.

EXTRA CURRICULARS:

Position	Organisation	Period	Key Achievements
Member- Table Tennis	Y.M.C.A	Aug 05 – Dec 08	Played Table Tennis representing college in various Sports Fests
Music Club Coordinator	Tarannum - Y.M.C.A	Aug 05 – Dec 08	Playing the keyboard in Inter-college Fests, Managing Musical Events

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