**Varun**

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**Recent Achivements**:

1. Applied Data Science with Python, a 5-course specialization by University of Michigan on Coursera. Specialization [Certificate](https://www.coursera.org/account/accomplishments/specialization/473NYMZZJJDT) earned on July 24, 2018
2. Machine Learning by Stanford University on Coursera. [Certificate](https://www.coursera.org/account/accomplishments/certificate/SK4TFFLCNV6A) earned at Thursday, February 15, 2018
3. Python Course (Fundamentals, Beyond Basic and Advanced Python) on Pluralsight. Completion Certificate earned at April 26, 2018 and May 24, 2018.

**Professional Experience:**

**Visual Studio Team Service, Service Delivery**

**Microsoft Corporation, India. Feb 2016 – Till Date**

**Site Reliability Engineer II**

* DevOps management for various offering from Tool for Software Engineers
* Contributing to designing and implementation of new cloud based offering for CodeMine.
* Contributing towards various Analytics requirement for a distributed build system.
* Implement Bug fix and feature implementation.
* Automating monitoring system health for the produts.
* As part of 2016 hackathon project, built of data collector for Pull Request from VSO, which is now being undertaken

for productization.

* Working extensively on Azure IaaS.
* Technical tools used to perform day to day work: C# (VS2015), SQL 2016/2014, PowerShell, PowerBI and Microsoft Internal Big data offering (Cosmos and Kusto)s
* Manage a team 5 vendors.

**Tools for Software Engineer**

**Microsoft Corporation – Brillio Technologies, Bangalore India Oct 2012 – Feb 2016**

**Software Development Engineer**

* Design of miner to fetch work items and all its attribute and store the data in SQL 2014 DB.
* Did the initial architectural design for Git Miner to pull check-in statistics from Git repo for analytical purpose.
* Designing DB Schema and table, procedure, function, triggers, constraints and index in SQL Project.
* Design and Implementation of application to talk Azure HDInsight cluster and use No-SQL technologies (HBase table) to store and retrieve the data.
* Worked on configuring daily build system using TFS Build to produce build o/p.
* Build auto deployment mechanism (both application layer and database layer) which helped in quick verification and deployment on production instance.
* Fixing code related bug in Visual Studio 2012,C# and SQL Server.
* Creation of Integration and Unit Test.
* Helped the team in Migration from DB Proj to SQL Proj
* Worked on automating publishing SQL scripts via MS Build using SqlPackage.exe
* Good working knowledge of MS Build Properties.
* Developing monitoring system (DiskSpace,TaskScheduler,Replication,DB Growth, Database Backup and CPU and Memory consumption) using PowerShell and Excel Macro.
* Testing the code using system test written in PowerShell.
* Troubleshooting data related issues.
* Configuring Replication for the consumers of the data we are collecting.
* Hands On knowledge of Azure (PaaS, IaaS).
* Source Control Repository familiar: VSO, TFS 2013, GIT, SD (Source Depot).

**MSIT- ASM-BI - CBI**

**Microsoft Corporation – Infosys Technologies Ltd. Redmond, WA June 2010–Sept 2012**

**Service Engineer**

* Development of customized SSRS Reports based on the business requirement using BIDS 2008, maintenance of those reports and Databases hosted on MSIT Platform for ASM BI Space.
* Creation of Databases and designing of the table structures based on the requirement
* Performance tuning of the queries as required, using Indexing, BPA, studying of Execution plans.
* Building up customized application using SQL –SERVER SMO.
* Building of Event Viewer, SSRS/IIS Log Monitoring Tool using Powershell scripting.
* Installation of SQL Server, SSIS, SSAS and Reporting Service and Integration of reporting service with SharePoint.
* Developing monitoring tools via Power shell and SQL Server inbuilt features
* SharePoint 2010 /Performance Point Server/ProClarity Administration
* Implementing High Availability solutions like Clustering, Mirroring, Log Shipping and Replication.
* Experience on Windows 2008 R2, SQL Server 2008 R2, SQL 2012.

**Bing Search - Cashback**

**Microsoft Corporation-Tata Consultancy Services, Redmond, WA Mar 2008 – May 2010**

**Database Engineer**

* Maintenance of critical production databases for Cashback.
* Developing monitoring tools via Power shell, C# and T-SQL
* Building up of Reports (KPI/Performance) and reporting framework using BIDS, SSRS and Dundas Charting Framework.
* Installation of SQL Server, SSIS, Reporting Service.
* Implementing High Availability Solution like Transactional Replication, Mirroring and Log Shipping
* Implementation of High Availability clustering solutions.
* In depth knowledge on Windows 2008 and SQL Server 2008 R2

**Misys Health Care System, US**

**Tata Consultancy Service, Pune, India Sep 2006 – Feb 2008**

**Developer**

* Migration from legacy technologies (4GL, UNIX, Informix) to Microsoft technologies.
* .NET 2.0, C# and SQL Server 2005, NUNIT, FXCorp.
* Involved in architecture development for the application.
* Handling of critical module.
* Migration of existing Reports to SSRS.
* Unit testing and actively involved in System Integration Testing.

**Nokia MISLite Application; Singapore Apr 2005 – Aug 2006**

**Tata Consultancy Service, Pune, India**

**Developer**

* Web application used by Nokia business users and Nokia Distribution panel to maintain their stocks distribution across India and Indonesia.
* .NET 1.5, VB.NET, JavaScript, SQL Server 2000, FXCorp, NUNIT.
* Involved in development, testing and Support for the application.

**Viacom Inc. US Nov 2004 – Mar 2005**

**Tata Consultancy Service, Pune, India**

**Developer**

* This was a web application which dynamically generates queries and reports
* .NET 1.5, C#, JavaScript, and SQL Server 2000.
* Involved in development, unit testing and system integrated testing of the application

**Additional Certifications**

MCTS: SQL SERVER 2008 Implementation and Maintenance June 2010

MCTS: SQL SERVER 2005 Implementation and Maintenance Jan 2008

MCTS: Microsoft.NET Framework 2.0 – Distributed Application Development Jan 2008

Brain bench Certification in C# Dec 2007

Brain bench Certification in SQL server 2005 Dec 2007

Brain bench Certification in JavaScript Nov 2007

**Education**

B. E. - Bachelor of Engineering (Telecommunication Engineering), 2000-2004.