Amey Jayant Puranik
Graduate Student at UT Arlington

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Education

University of Texas at Arlington   **GPA (3.2)**
Masters in Computer Science (Major – Software Engineering & Database) | Aug 2016 – May 2018 (expected)

Bharati vidyapeeth College of Engineering, Mumbai University, India
Bachelors of Engineering, Information Technology | Aug 2010 – May 2014

Technical Skills

Programming Languages	: Java, Java Struts and Hibernate, C, C++, Bash, Python (2.7, 3.4).
Scripting Languages	: HTML 5 , XML, JSON, JavaScript with web methods, CSS, JSP.
Development Tools	: Eclipse (Neon, Oxygen), NetBeans 8.0.2, Visual Studio 2017, PyCharm, Android Studio.
Technologies	: Cloud Computing, RESTAPI, MapReduce (Hadoop and Spark), JAX-RS, Spring.
Database Technologies	: MySQL, Oracle 11g, MongoDB, NoSQL, Redis, Memcached, SQLite, SQL Server 2012 R2.
Others	: MVC Framework, JMS, AWS, MS Azure, MS dynamics CRM, Flask, SDLC, MSCRM live commands.
Operating Systems	: Windows (2007, XP, 8.0, 8.1, 10), Linux.
Devops	: Git.

Professional Experience

Dynamic CRM Consultant (Under (v-9) domain, Microsoft vendor) | April '15 – July '16 (1 . 3 yrs.)   *Wipro Pvt Ltd (India)*
Major Key responsibility area was to solve problems and issues on the client side related to MS dynamics CRM.
- Played a key role with **Data migration, Imports and Reports, Workflows, business process flows** in Microsoft dynamics CRM at the client side additionally helping high-performing teams in writing scripts in **Java script and collaborate** with them.
- Worked with creation of users, permissions, security roles and field security profiles, **managing, creating, importing and exporting managed and unmanaged solutions** in MS CRM Online. Have an experience on MSCRM online 2013, 2015 update 1.1, 0.2 and 2016.
- Played a key role as the **technical expert** in proposal development and presentations to prospective client.
- Key role in advising **Solution Architecture** to Microsoft CRM Programmers/Developers for Partners and Premier customers.

Curricular Projects Experience

Implementing Algorithms.   *(C, C++, Data Structures, Java Sockets)*
- Solving the **Subset Sum Problem**.
- Implementing **Tree plus Heap**, (tre-ap).
- Calculating **Spearman coefficient** and measuring complexity of the code.
- Implementing **Ring Election Algorithm** for Distributed systems.

UtaVoice   *(Android , MySQL , Java)*
Android utility App that records class lectures and business meeting which our user tends to attend. | Jan '17 – May '17
- The android application that allows users to record their meetings, lectures and important functions. Implementation of the application was a part of the Software Engineering course using all the Software Engineering methodologies and design patterns.

Database and Cloud implementation   *(Java, Java script, JSP, Python, AWS, Bluemix, Azure, NoSQL, SQL)*
Implementing advanced database technologies using leading cloud services | June '17 – July '17
- Implementation of **mongo-db.** Creating complex objects in Mongo Database by importing data from relational database.
- Implementation of **Rigorous Two-Phase Locking** (Wait -die).
- **Relational database to XML**. Converting Relational data from tabular format to XML format.
- **Picture Sharing application.** Built on **MS Azure** using application service and SQL database. Deployed using Azure plugin for Eclipse Oxygen.
- Calculating efficiency of the SQL queries in milliseconds on the **MS azure Cloud SQL Database**.
- **Encryption and decryption** of the files while uploading and downloading on google app engine.

Networking.   *(Java Sockets, Python, XML)*
- **Weather Report Client.** Python application which gets the weather report from Service End point(https://graphical.weather.gov).
- **Instant messaging Systems.** Developed using Java Socket programming.

Computer Architecture-Cache Implementation   *(Python-pip, request, CAT programs)*
- Developing an assembler and virtual machine to **implement direct mapped, two ways set associative, and I plus D cache**.

Others

- Participated in many technical paper presentation, and pro level winner of Tech-Hunt 2013 (Webpreneur)
- Sponsorship head of BVCOE for technical festival in the year 2011-2012

Masters Coursework

Advanced Algorithms | Distributed Systems | Software Engineering | Software testing | Adv. Special topics Software Engineering | Database Systems | Adv. Database and Cloud | Adv. Computer Architecture | Computer Networks | Database Systems II | Prog. Lang. Concepts | Wireless Networks | TOC | DS
GitHub link : https://github.com/puranikamey