Amit Kumar

Computer Science and Engineering

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Key Highlights

- OOP, Data Structure and Algorithms.
- Distributed system and SOLID principles, Software design pattern.
- Active participation in Coding challenges.
- Developed website for TCS MLCP parking lot with collaboration of the team.

Experience

Working as Software Engineer at TCS for MICROSOFT Client from 28th July, 2014 to till date.

Links

Resume on Git Hub   https://in.linkedin.com/in/amitkrb11

LinkedIn Profile   http://amitkrb11.github.io/AmitKumar.pdf

Technical Skills

Programming	C/ C++ STL Library, C#, SQL, Git, Visual Studio 2015
Web Development	HTML 5, CSS 3, JavaScript (OOP), jQuery, Angular, Fiddler
Microsoft Stack	Restful Services, Asp.NET MVC, Azure Cloud, Web API, IIS, Agile, Scrum

Project #1

Application Developer   ***Microsoft One-Tax Hub (Tax Domain)***   *Jan'16 - Present*

Tax Data Warehouse: High volume data comes from various systems including Cosmos, SAP are processed on SQL on premise and moved to Azure (in blob & table storage) for Tax audit reporting.

Contribution:
- o Developed new functionality in application front end to generate custom report.
- o Implemented and on boarded IT-Authorization security check to authenticate and validate users.
- o Executing Hive pipelines running under Azure Data Factory and performance check of Windows vs Linux Cluster.

Project #2

Software Engineer   ***Integrated Forecasting (Revenue Domain)***   *Nov'14 – Dec'15*

IFT is financial forecasting tool designed to provide a standardized, global tool to forecast Revenue, improve forecasting accuracy, efficiency and visibility into business performance.

Contribution:

- o Implemented and enhanced functionality and made project UI cross browser complaint.
- o Automated the deployment steps to reduce deployment time which used to be a manual & time taking effort.
- o Received customer appreciation for carrying out development, testing and deployment activities of a major sprint releases of the project.
- o Run and maintain automated testing suites, making SSIS packages, ETL jobs.

Project #3

Asst. Software Engineer   ***Fast Quote Auto Insurance***   *Aug'14 – Oct'14*

Contribution:
- o Developed cross platform website using GUI stack and made it cross browser responsive and interactive.
- o Implemented functionality of Client-Server architecture, data flow diagram in connected and disconnected architecture.

Academic Projects (Internship)

Programmer	***NIVT India Pvt. Ltd. Kolkata***	*Dec'13 – Jan'14*

Online Web based shopping cart system with payment and checkout option included for users.

Contribution:

- o Involved in front-end design, bug fixing and unit testing.
- o Designed and built Dash board, at short notice for customer complaint.

Programmer	***Routing and Wavelength Assignment in Translucent Optical Network***	*May'13 – Jul'13*

Contribution:

This project was aimed to develop an algorithm to find minimal spanning tree in ARPANET and find shortest path from source to destination. This paper was published in IEEE press conference.

Technology:
- o C++ STL, Data Structure, 3R regeneration technique, Prim's algorithm, Optical translucent network, Algorithms

Interests

Machine Learning	Web Development	Reading Autobiography	Programming Language
Travelling	Sketching	Problem Solving	Artificial Intelligence

Educational Qualifications

Degree/ Exam	*Year*	*University*	*Institute*	*Score*
B.Tech Computer Science and Engineering	2010- 2014	West Bengal University of Technology	Asansol Engineering College	7.8 / 10
Senior Secondary Mathematics	2007 - 09	Jharkhand Academic Council Ranchi	St. Columba's College	6 / 10
Secondary Science	2007	Jharkhand academic Council Ranchi	Hindu +2 High School	7.6 / 10

Declaration

I hereby declare that above provided information is true and best to my knowledge.

Place: Hyderabad   (**Amit Kumar**)