

Amit Kumar

B.Tech (Computer Science)

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<https://github.com/amitkrb11>

Employment

Software Engineer **TCS-Microsoft, Hyderabad (India)** **Jan'16 - Present**

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

- Involved as Developer in the migration to Azure Cloud by rewriting Hive queries, Data Sets and using cloudberry.
- Developed multiple scripts to check Hive queries performance running under Linux and Windows cluster in Azure Data Factory.
- Developed and Implemented new functionality in application front end (angular) to generate custom report for users.
- Implemented and on boarded IT-Authorization to authenticate and validate users before accessing resources.

(Azure, Hive, Cloudberry, SQL, Angular, UI Stack, Asp.Net MVC C#, Git, Fiddler, Data Visualisation)

Education

Bachelor of Technology in Computer Science at West Bengal University of Technology **2010 - 2014**
(GPA: 7.8/10)

Links

Resume on Git Hub <http://amitkrb11.github.io/AmitKumar.pdf>

LinkedIn Profile <https://in.linkedin.com/in/amitkrb11>

Language and Technologies

- Proficient with C++ and C#
- OOP, Data Structure, Algorithms
- Mobile, Web App and Front End designing
- HTML 5, CSS 3, JavaScript, Angular
- SOLID principles, Software design pattern
- Data Visualisation using Power BI
- Web Services, Asp.NET MVC, Azure
- Git, Fiddler, Firebug, TDD, Agile, Scrum

Projects #2

Software Engineer **TCS-Microsoft Integrated Revenue Forecasting** **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.

- Developed and implemented new feature along with made the project all browser complaint.
- Automated the deployment steps to reduce deployment time which used to be a manual & time taking effort.
- Carried out development, testing and deployment activities of a major sprint releases of the project.
- Received customer appreciation multiple time for being extra mile achievers.
- Run and maintain automated testing suites, making SSIS packages, ETL jobs.

(JavaScript, Angular, C#.Net, SSIS, SSRS, Asp.Net, WCF, ETL, TFS, Power BI)

Project #3

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

- Developed cross platform website using GUI stack and made it cross browser responsive and interactive.
- Implemented functionality of Client-Server architecture, data flow diagram in connected and disconnected architecture. (UI Stack, 3-Tier architecture, SQL)

Academic Projects (Intern)**Programmer****CMC India Pvt. Ltd.****Dec'13 – Jan'14**

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

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

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

This project was aimed to develop an algorithm to find minimal spanning tree with shortest path from source to destination node and placement of 3R regenerator at optimal places to avoid degradation in signal strength in various networks like ARPANET.

This paper was published in IEEE press conference.

(C/ C++ STL, Data Structure, 3R regeneration, Prim's algorithm, Optical translucent network)

Interests

Web Development

Programming
LanguageReading
Autobiography

Sketching

Declaration

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

Place: Hyderabad

(Amit Kumar)