

# Amit Kumar

B.Tech (Computer Science)



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## About Me

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I am a computer programmer looking forward to a challenging & competitive work atmosphere where my skills, talents and abilities will be utilised to the fullest for mutual benefits. I have worked on couple of large scale project involving vast amount of data. Developed and deployed some small and large projects in multiple environments.

I am relatively good at making elegant UI, that help to develop application with great experience.

## Experience and Achievements

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- Currently working as Application developer in Tata Consultancy Services.
- Developed **MLCP Parking Software Application** for TCS internal ([github.com/amitkrb11](https://github.com/amitkrb11)).
- Developed several new features in large scale web application which are currently being used by Microsoft global customers.
- Achieved **Microsoft Certification** on Web Development 70-486.
- Earned **star performer** award for my good performance by TCS.
- Stood among **Top 10** in state level scholarship test conducted by State Gov.

## Education

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- 2014 - B.Tech (Computer Science) at West Bengal University of Technology (**GPA: 7.8/10**)
- **Portfolio:** Collection of all my personal work. [github.com/amitkrb11](https://github.com/amitkrb11)

## Skills

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- OOP, Data Structure,
- C++, C#
- HTML5, CSS3, JavaScript, Angular JS, Ajax, jQuery, JSON, Bootstrap, Kendo UI
- Asp.Net MVC, Web Rest API, SQL, Web Services, Entity Framework, LINQ
- Basic bash shell commands
- Quick learner of programming language

## Projects

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- **One-Tax Hub:** A scalable web application used by Microsoft external customers. High volume data from various upstream including Cosmos, SAP are processed on premise and moved to Microsoft Azure (in blob & table storage) for Tax audit reporting.

### My Contribution:

- Worked as Developer in the migration to Azure Cloud by redesigning and rewriting modules and related queries.
  - Managed regular deployment in multiple environments and follow-up testing/QA.
  - Developed multiple scripts to check Hive queries performance running under Linux and Windows cluster in Azure Data Factory.
  - Implemented new feature of generating custom report data using angular in application for the users.
  - Implemented IT-Authorisation to authenticate and validate users before them allowing to access resources.
- **Integrated Revenue Forecasting [Web Application]:** It's a financial forecasting tool designed to provide a standardized, global tool to forecast Revenue, improve forecasting accuracy, efficiency and visibility into business performance.
  - HTML5, jQuery, JavaScript, Ajax, Angular

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- C#, Collections, WCF, SQL, Asp.Net, Entity Framework, SSIS, Power BI (Data Visualisation)

- **Fast Quote Auto Insurance [Website]:** This website was aimed to generate auto insurance quote for personal and vehicle that has been lodged by users.
  - Developed elegant Web and Mobile responsive App using Client-Server architecture.
  - HTML5, CSS3, JavaScript, jQuery, HTTP, Angular, SQL, Rest API, Bootstrap, Asp.Net, Entity Framework
- **Win8 app:** A 2-D game App, in which user has to hit the bulls-eye with an arrow. Arrow simulates the projectile motion making the goal difficult to achieve. Implemented collision detection in the game- app using JavaScript, was fully touch interactive.

## Academic Projects

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- **CMC, NIVT India Pvt. Ltd.:** an online web based shopping cart system for users.
  - Involved in front-end design, bug fixing and unit testing.
  - Designed and built Dash board, at short notice for customer.
- **Routing and Wavelength Assignment in Translucent Optical Network:** 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
- **Online Picture Manager:** user could upload images share them with others, view images shared to him. Submitted as minor project in college, developed an API for client side image compression by JavaScript. Application also had polling based chat feature. Technologies used...

## Interests

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Web Development	Programming Language	Reading Autobiography
Interpersonal relationship skills	Excellent Communication	Sketching

## Personal Details

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Date Of Birth : 11-Jan-1993  
Present Address : Hyderabad (India) – 500032  
Permanent Address : Jharkhand