**RESUME**

**TANMOY RATH**

**DOB** : 1st December, 1989 **Gender** : Male

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# Career Objective

Contribute to an organization’s growth that provides ample opportunities for learning & reward.

# ON-LINE Course CertificatIONs

**Data Science Specialization** from Coursera which consists of the following :-

* **R Programming**
* **Statistical Inference** (types of distributions such as Normal, Poisson etc)
* **Regression Models** (linear & multivariable regression, logistic & poisson regression)
* **Practical Machine Learning** (Prediction by Machine Learning)

Course Project : [*https://tanmoy-rath.github.io/practicalmachinelearning/*](https://tanmoy-rath.github.io/practicalmachinelearning/)

* **Exploratory Data Analysis** (ggplot2, lattice, base plotting system, clustering)

Course Project : [*https://tanmoy-rath.github.io/exploratorydataanalysis/*](https://tanmoy-rath.github.io/exploratorydataanalysis/)

* **Data Cleaning** (data.table, dplyr, MySql, HD5, XML, regex etc)
* **Data Products** (shiny, googleVis, knitr, leaflet)
* **Capstone Project** (*building a next word predictor app for search terms using Shiny*)

Project Report : [*https://rpubs.com/Tanmoy/551739*](https://rpubs.com/Tanmoy/551739)

**Predictor App :**  [***https://tanmoy.shinyapps.io/capstone/***](https://tanmoy.shinyapps.io/capstone/)

Presentation : [*https://rpubs.com/Tanmoy/571983*](https://rpubs.com/Tanmoy/571983)

# ACAdemic QUALIFICATIONS

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| --- | --- | --- | --- | --- |
| **Qualification** | **Institute** | **Board / University** | **Year of Pass-out** | **CGPA (% marks)** |
| **MBA**  (IT & HR) | KIIT School of Management | KIIT University, Bhubaneswar | 2015 | 7.40 CGPA |
| **B.Tech**  (Information Technology) | Institute of Technical Education and Research | S.O.A. University, Bhubaneswar | 2012 | 8.58 CGPA |
| **+2 Science Stream** | Christ College Cuttack | C.H.S.E. Odisha | 2008 | 62.33% |
| **Std. X** | Stewart School Cuttack | I.C.S.E. New Delhi | 2006 | 83.16% |

# Internship / PROJECTS

* **MBA Internship : Relocation of frame pre-fitment station of LPT-3118 in Assembly Line III**

Organization: Tata Motors, Jamshedpur

The project dealt with minimizing trafficmovements inside assembly in turn improving the productivity and safety of the line.

* **B. Tech (final Semester Project) : Active City Administration**

The project using a relational database management system and an application server dealt with providing the citizens a web based platform to interact and lodge any complaints with the corporators of their area.

# Computer skills

* Data Analysis using R-Studio and MS-Excel
* Database Administration using client-server architecture (*IBM DB2 9.1, IBM AST 6.1.1, IBM-WAS 6.1)*
* Programming Skills : C, C++, Java, SQL
* Web Technologies: HTML, JavaScript, JQuery, CSS, JSP Servlet
* Other Applications : MS-Excel, MS-Word, MS-Powerpoint, Adobe Dreamweaver

# Personal Details

* Strengths : Quick learner, analytical thinking
* Languages : English, Hindi, Oriya