

Rahul Singh Dhek

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EDUCATION

Master of Technology from International Institute of Information Technology, Bangalore **2012-14**
Major: Database and Information Systems. **CGPA: 3.14/4**

Bachelor of Technology from Gandhi Institute For Technology, Bhubaneswar **2008-12**
Major: Computer Science And Engineering **CGPA: 8.61/10**

Employee at Citicorp (GDM) Bangalore from **14 July 2014** onwards

Profile: Analyst

Internship at Qualcomm Bangalore (Jan 6 , 2014 onwards)

- Worked with the storage team to optimise and enhance the functionalities of Disk Usage tool similar to Netapp SRM. **Language: Python**
- Designed a tool usage tracker to track the usage of various other tools across Bangalore site. According to requirements wrote modules both in **Perl** and **Python**.
- Designed Perl bin logger. Added function to Perl source code written in C.
- Started working on Django (Web framework).

ACADEMIC PROJECTS

- **Sandesh - Semantic Data Mesh over Indian Open Data.** Jan 2013- Dec 13
This project aims to integrate all the open data relevant to India into an ontological structure based on an underlying geospatial paradigm, where data can be associated with different parts of the country
 - **OCR using Phone and Cloudlet** Jan 2013- Apr 13
Create a cloudlet-based system where a user can use cell phone with a camera and a nearby cloudlet, for Optical Character Recognition. **Language: JAVA**
 - **Universal Schema** Jan 2013- Apr 13
A combination of all the entities put together in one large relation. Automatically maps the required table attributes from user request and also figures out join paths for it. **Language: C#**
 - **Virtual File System** Aug 2012- Nov 12
Mimic the Linux file system using Linked List , Hash Table , Binary search tree **Language: C**
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SKILLS

- **Languages** : C, C++, Python and Familiar with Ruby, Perl.
- **Relational Databases:** MySQL.
- **Tools and platforms** : Django , Eclipse , Gephi (Graph Visualisation tool)

AREAS OF INTEREST

Data Structures, Algorithms, Databases, Multi-Dimensional Data

ACHIEVEMENTS

- Paper titled “**Survey of Indian Open Data**” accepted in ACM proceedings for **IBM I-CARE 2013**.
 - Project Associate at Open System Labs, IITB
 - Presented posters on “**SANDESH- Semantic data mesh over Indian Open data**” in OPEN HOUSE- 2013 organised by IITB.
 - GATE 2012: scored **98.75** percentile All India.
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EXTRA-CURRICULAR ACTIVITIES

- Volunteer, AIKYAM, a social service group of IITB, working towards the rehabilitation of physically and mentally disabled people.