

Career Objective:

To enhance my professional skills as well as serve the society and organisation with best of my abilities and take every day of my life as a new learning experience. Turn my Ideas into reality to serve organization well.

Professional Skill-set:

- **Programming/Scripting:** Python , C, C++.
- **Interests:** Unix Like Systems, Open Source, Data Structures and Databases.
- **Databases/Serialization:** MySQL.
- **Version Control Systems:** Git.

Academic Profile:

Pursuing Master of Computer Applications (MCA) (6-years integrated course) currently in 5th year (11th Semester)

| SCHOOL/COLLEGE | BOARD/UNIVERSITY | CLASS/SEM | SGPA/Percentage |
|----------------------------|---------------------------------|----------------------|-----------------|
| Tirathbai Kalachand School | Board of Secondary Education MP | X | 84.6 |
| | Board of Secondary Education MP | XII | 74.6 |
| IIPS | DAVV | 1 st sem | 6.27 |
| | | 2 nd sem | 7.43 |
| | | 3 rd sem | 7.86 |
| | | 4 th sem | 7.60 |
| | | 5 th sem | 7.36 |
| | | 6 th sem | 9.13 |
| | | 7 th sem | 8.23 |
| | | 8 th sem | 8.80 |
| | | 9 th sem | 8.23 |
| | | 10 th sem | 7.77 |

- BCA aggregate- 72.19%

Projects Undertaken:

1. Air Route Finder using Travelling Salesperson Problem:

The project aims at developing a solution to find out the best possible path for the Air lines to decide the route to move on so that minimum cost may incur to the Airlines as well as to the passengers travelling. The project would be a model for the alternate algorithm used for the Travelling Salesman Problem that would be analysed on the other and how it would deal with the real world problem.

Front End: Python Tkinter, Sagemath

Back End: SQLite.

2. Eventus

This was an attempt to ease the team based events to club in to a temporary social-network where users can create an event and teams under an event and have conversations under event/team. The application has a real time scoreboard for the people to work on. This project was a part of Google cloud developer challenge 2013.

Front End: Python Flask, Twitter Bootstrap 2, JQuery, KnockoutJS, AJAX

Back End: Google Datastore (ndb, no sql DB) with ORM.

3. IIPS Website version 1 (Astra)

This is the new mobile responsive beta-version of my Institute's Website. The site is still in progress and will soon be migrated to original domain (<http://iips.edu.in>). The following project was completed under guidance of Mr. Shaligram Prajapat in development-center IIPS.

Front End: PHP, Twitter Bootstrap 3

Back End: MySQL

4. Water Management Portal (IBM-TGMC project)

Water Management portal aims at providing the real time information about the Water related aspects of the city. Water related discussions and issues. This is the project to spread awareness and real time information sharing between citizens and water department officials for water related issues.

Front End: JSP

Back End: IBM DB2

Certifications:

- Power Searching with Google (Google courses: powersearchingwithgoogle.com).
- Intro to Computer Science CS101 (Udacity.com).
- Learn to Program: The fundamentals (Coursera.org).
- Design and Analysis of Algorithms Part I (Coursera.org).
- Startup Engineering (Coursera.org).
- Making sense with Data (Google Courses: datasense.withgoogle.com/course).

Conferences:

- PyCon 2013 – Nimhans Convention center, Bangalore.
- SciPy 2013 – IIT Bombay, Mumbai.

Co-Curricular Achievements & Activities:

- Runners up of Xpressions(2013) overall and Winner of Xpressions(2013) Technical Pavillion.
- Participated in Synergy-sports event.

Personal Profile:

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|-----------------|---|---|
| D.O.B | : | 18 th February 1991 |
| Languages Known | : | Hindi, English |
| Hobbies | : | Singing, Computer Gaming. |
| Address | : | 2305 Sudama Nagar D Hardik Avenue Flat 301 Indore (M.P.) 452009 |

I hereby declare that the information given above is true to the best of my knowledge & belief.

Date:

Chitrang Dixit